

PROJECT INFORMATION:

SITE ADDRESS:
9XX WEBSTER STREET
MUKILTEO, WA 98275
ZONING = RD 7.5 SFR
TAX PARCEL # 00527504701200

SECTION, TOWNSHIP, RANGE:
4, 28 NORTH, 4 EAST, W.M.

LEGAL DESCRIPTION:
LOT 12 THROUGH 16, BLOCK 47 OF MUKILTEO, ACCORDING TO THE PLAT THEREOF RECORDED IN VOLUME 2 OF PLATS, PAGE 34, RECORDS OF SNOHOMISH COUNTY, WASHINGTON; TOGETHER WITH THAT PORTION OF VACATED 10TH STREET ADJACENT PER THE CITY OF MUKILTEO ORDINANCE NO. 1055, AND RECORDED UNDER AUDITOR'S FILE NO. 20020917215; SITUATE IN THE COUNTY OF SNOHOMISH, STATE OF WASHINGTON

WATER PURVEYOR:
CITY OF MUKILTEO

SEWER PURVEYOR:
CITY OF MUKILTEO

PERMITTING JURISDICTION:
CITY OF MUKILTEO

SITE AREA = 0.44 ACRES (19,204 SF)

EXISTING CONDITIONS:
IMPERVIOUS SURFACE AREA (ISA) = 0 SF
PERVIOUS SURFACE AREA = 19,204 SF

PROPOSED CONDITIONS:
ISA = 4,150 SF
DRIVEWAY = 450 SF
HOME / GARAGE FOOTPRINT = 3,600 SF
WALKWAY = 100 SF
PERVIOUS SURFACE AREA = 15,054 SF

PROPERTY OWNER:
GAGANDEEP OBEROI
4682 ARBORS CIRCLE
MUKILTEO, WA 98275
(425) 244-0917
MAGNIFICENTNW@GMAIL.COM

APPLICANT:
STEVE HALL
REVIVE PROPERTIES LLC
6121 NE 175TH STREET #B 402
KENMORE, WA 98028
(360) 961-3638
STEVE@RP-PARTNERS.COM

ARCHITECT:
DESIGN LYRIC, LLC
SANJEEV SHARMA
9824 233RD PLACE NE
REDMOND, WA 98053
(206) 853-9874
SEATTLEARCHITECT@GMAIL.COM

SURVEYOR:
WEST ALLIANCE PROFESSIONAL LAND SURVEYORS
DAVID WEST, JR, P.L.S.
13614 ASH WAY
EVERETT, WA 98204
(509) 630-0783
MATRIXSURVEYOR@LIVE.COM

BUILDER:
NOT YET SELECTED

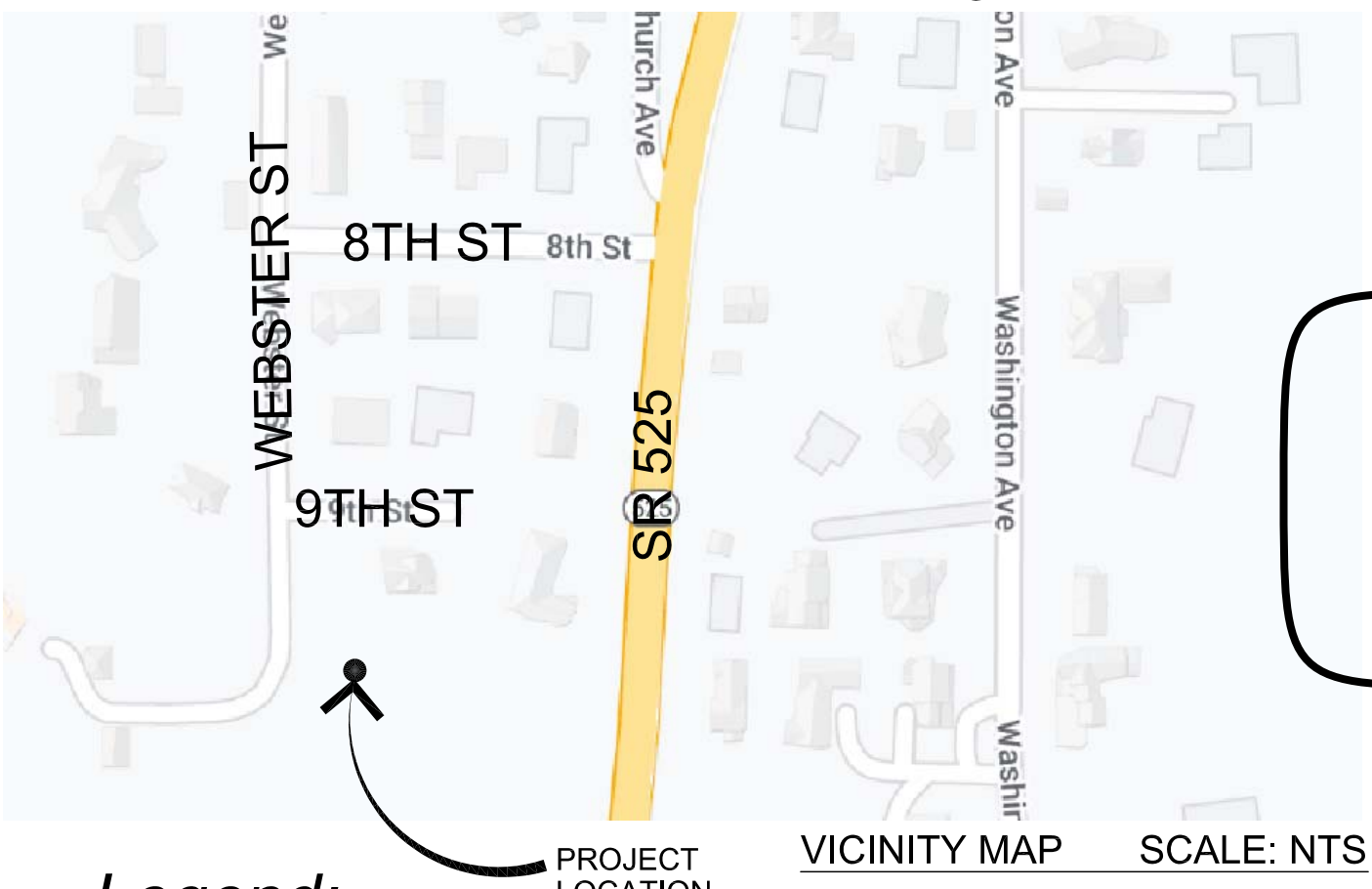
ARBORIST:

WETLAND BIOLOGIST:
WETLANDS & WILDLIFE, INC.
SCOTT SPOONER
19410 179TH COURT NE
WOODVILLE, WA 98077
(425) 337-8455
SCOTTSSPOONER@WETLANDS-WILDLIFE.COM

CIVIL ENGINEER:
MARK RIGOS, P.E.
440 SE DARST STREET
ISSAQUAH, WA 98027
(425) 652-6013
MARKRIGOS@HOTMAIL.COM

GEOTECHNICAL ENGINEER:
COBALT GEOSCIENCES, LLC
PHIL HABERMAN, P.E.
PO BOX 82243
KENMORE, WA 98028
(206) 331-1097
PHIL@COBALTGEO.COM

SHEET INDEX
C1.0 SITE PLAN
C1.1 DRAINAGE AND STORM DRAINAGE PLAN
C1.2 STORM DRAINAGE NOTES AND DETAILS A
C1.3 STORM DRAINAGE NOTES AND DETAILS B / CROSS SECTIONS
C2.0 TESC PLAN
C2.1 TESC NOTES AND DETAILS
W1.0 STREAM BUFFER MITIGATION PLAN
W2.0 STREAM MITIGATION NOTES AND DETAILS



Legend:
NOT ALL SYMBOLS USED

- EXISTING MONUMENT
- WATER METER
- EX. FIRE HYDRANT
- WATER VALVE
- UTILITY POLE
- UTILITY ANCHOR
- LIGHT POLE
- GAS VALVE
- STREET SIGN
- EX. CB, TYPE 1
- CATCH BASIN TYPE 2
- SAN SWR. MANHOLE
- SAN. SWR. PIPELINE
- STORM DRAIN
- WATER PIPELINE
- OVERHEAD POWER
- GAS LINE
- UNDERGROUND POWER
- ROCKERY

Tree Legend:
A ~ ALDER
CL ~ CLUSTER
DEC ~ DECIDUOUS
F ~ FIR
M ~ MAPLE
H ~ HEMLOCK
W ~ WILLOW

Legend:
TYP = TYPICAL
EX. = EXISTING
FF = FINISHED FLOOR ELEVATION
GS = GARAGE SLAB ELEVATION
IE = INVERT ELEVATION
CB = CATCH BASIN
CPEP = CORRUGATED POLYETHYLENE PIPE
NTS = NOT TO SCALE
X = TREE TO BE REMOVED
DI = DUCTILE IRON
LF = LINEAL FEET
SF = SQUARE FEET
QHWM = ORDINARY HIGH WATER MARK
RUE = REASONABLE USE EXCEPTION
BSBL = BUILDING SETBACK LINE
NVFS = NATIVE VEGETATED FLOWPATH SEGMENT
DECIDUOUS TREE
EVERGREEN TREE
EX. PAVEMENT
PROPOSED PAVEMENT

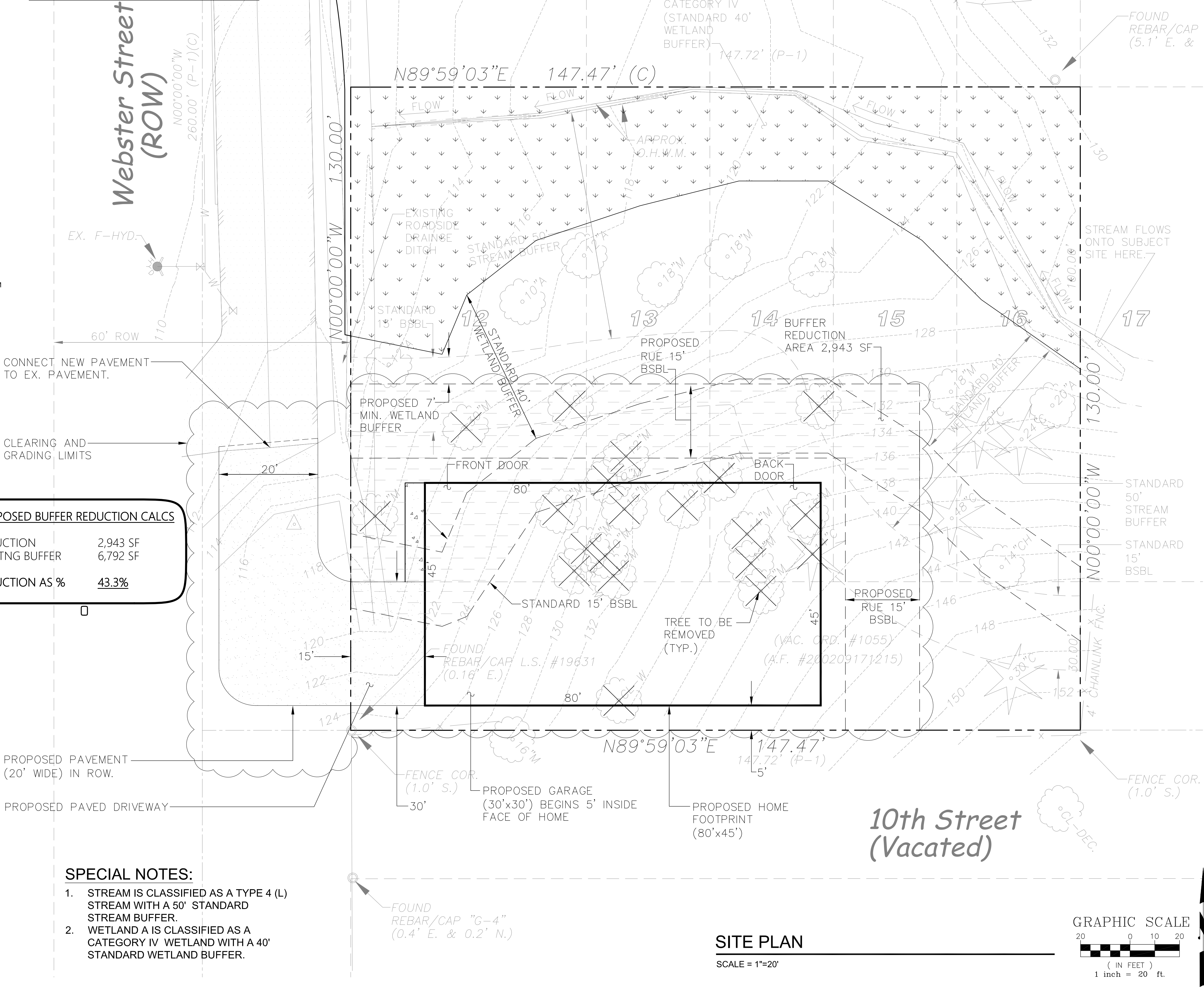
Call 2 Working Days Before You Dig

1-800-424-5555

Utilities Underground Location Center
(ID, MT, ND, OR, WA)

SAFETY PRECAUTION SHALL BE IMPLEMENTED BY CONTRACTOR(S) AT ALL TRENCHING IN ACCORDANCE WITH CURRENT OSHA STANDARDS.

ELECTRIC - RED SEWER - GREEN GAS/OIL - YELLOW SURVEY - PINK TELECATV - ORANGE
PROPOSED - WHITE WATER - BLUE



- SPECIAL NOTES:**
- STREAM IS CLASSIFIED AS A TYPE 4 (L) STREAM WITH A 50' STANDARD STREAM BUFFER.
 - WETLAND A IS CLASSIFIED AS A CATEGORY IV WETLAND WITH A 40' STANDARD WETLAND BUFFER.

RECEIVED
09/06/2023



MARK RIGOS
440 SE DARST STREET
ISSAQUAH, WA 98027
(425) 652-6013

GAGANDEEP OBEROI REASONABLE USE EXCEPTION
4682 ARBORS CIRCLE
MUKILTEO, WA 98275

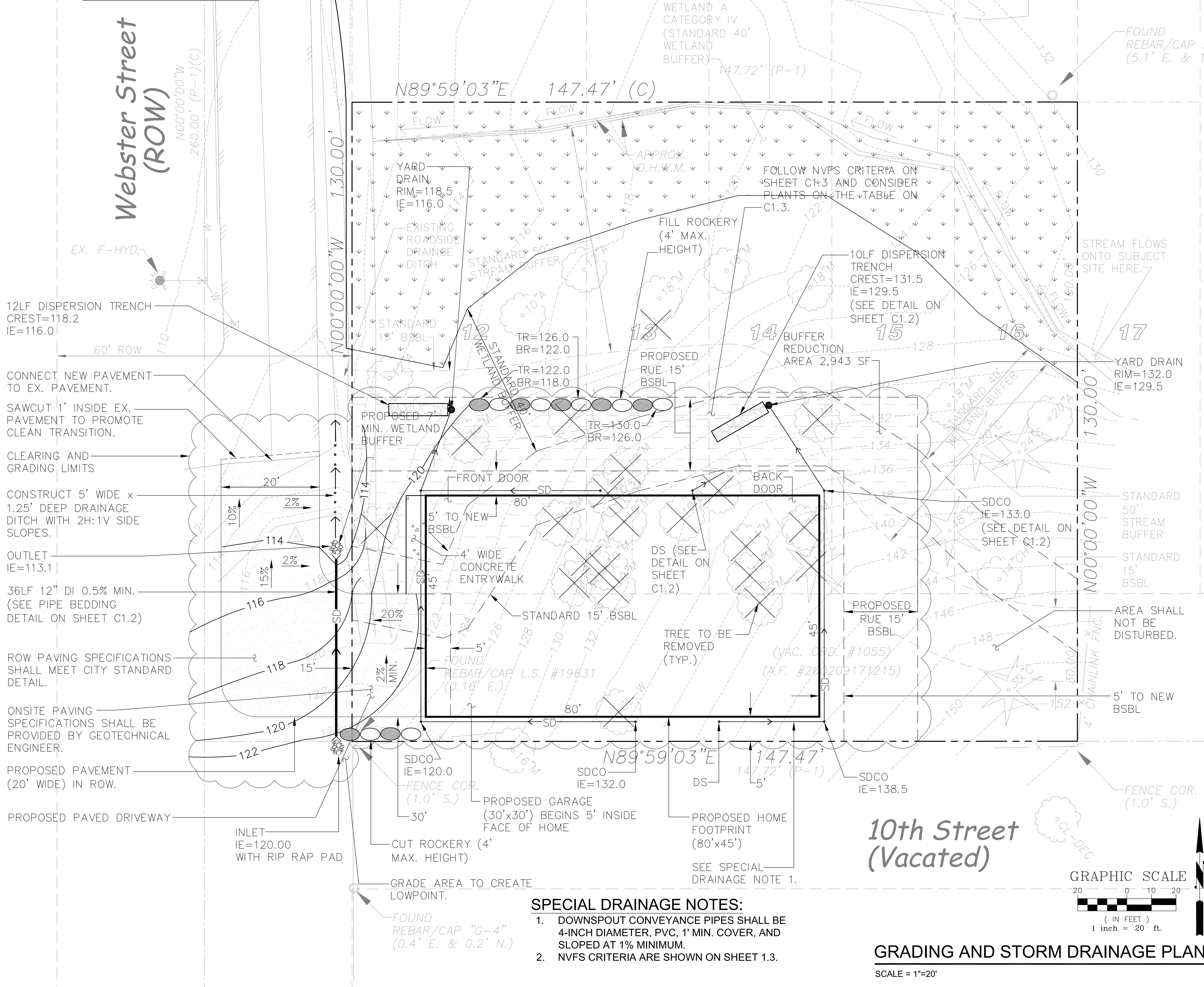
REV.	DATE:

DATE: 08/20/2023

C1.0



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ELECTRIC-RED GASEX-ORANGE GASOL-YELLOW SURVEY-PINK TELECOM-ORANGE
SEWER-GREEN ACCORDANCE WITH CURRENT OSHA STANDARDS PROPOSED-WHITE WATER-BLUE



- SPECIAL DRAINAGE NOTES:**
1. DOWNSPOUT CONVEYANCE PIPES SHALL BE 4-INCH DIAMETER, PVC, 1' MIN. COVER, AND SLOPED AT 1% MINIMUM.
 2. NVFS CRITERIA ARE SHOWN ON SHEET 1.3.

GRADING AND STORM DRAINAGE PLAN

SCALE = 1"=20'



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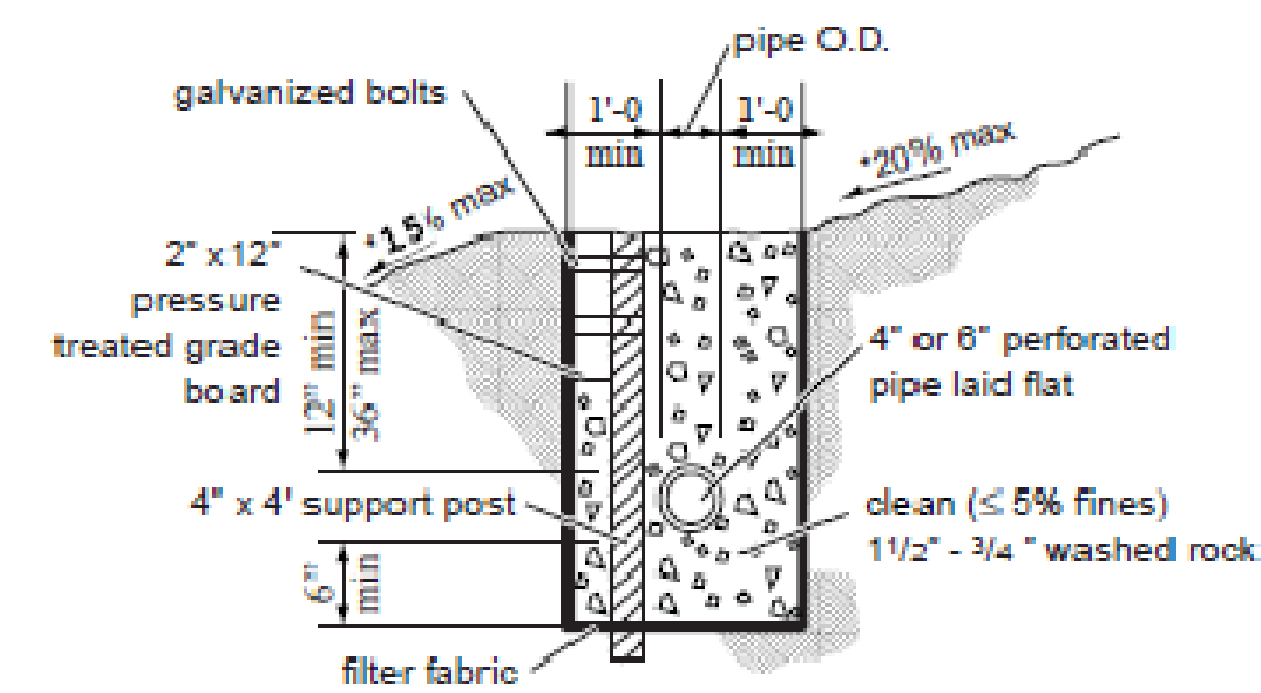
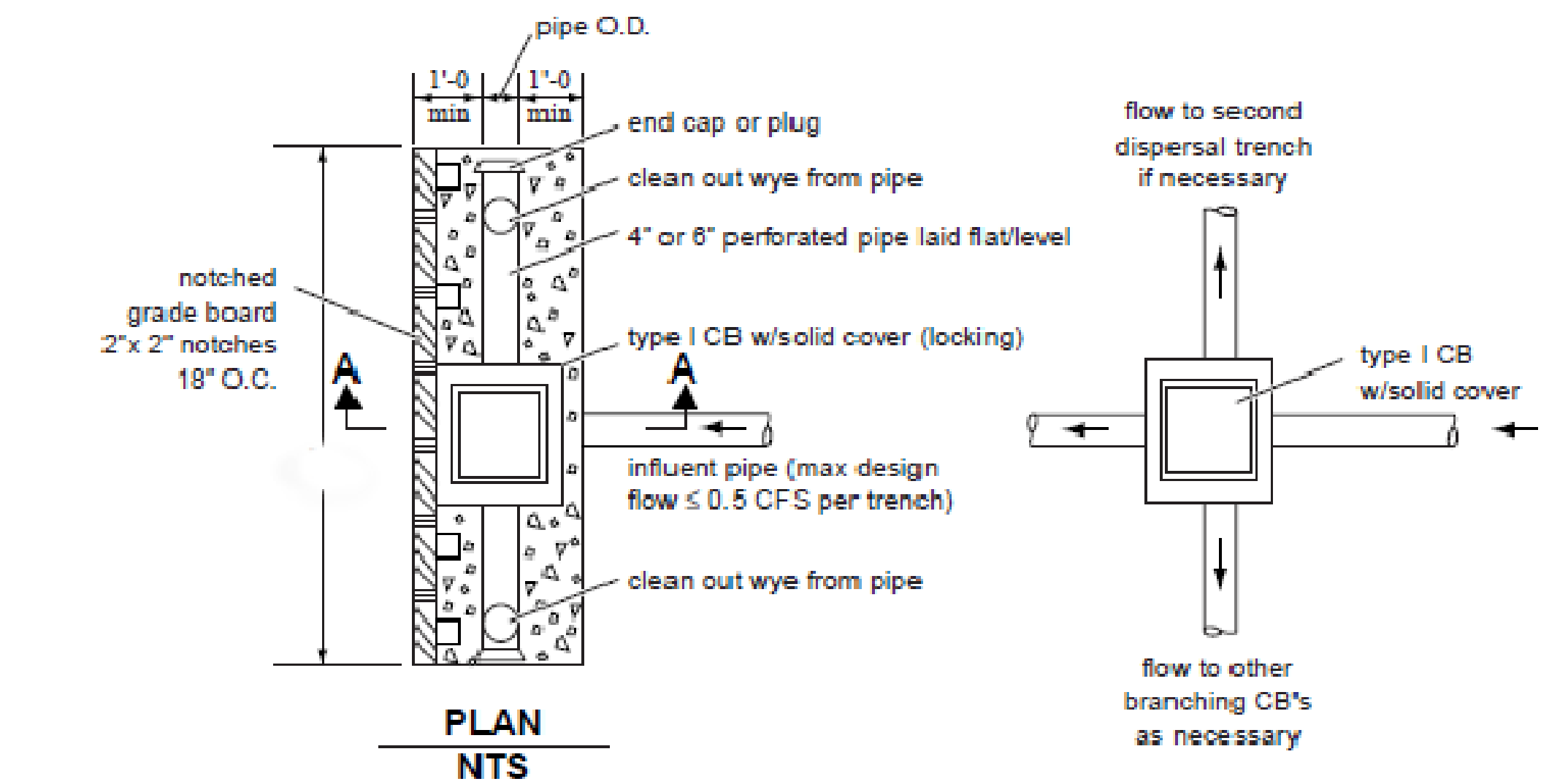
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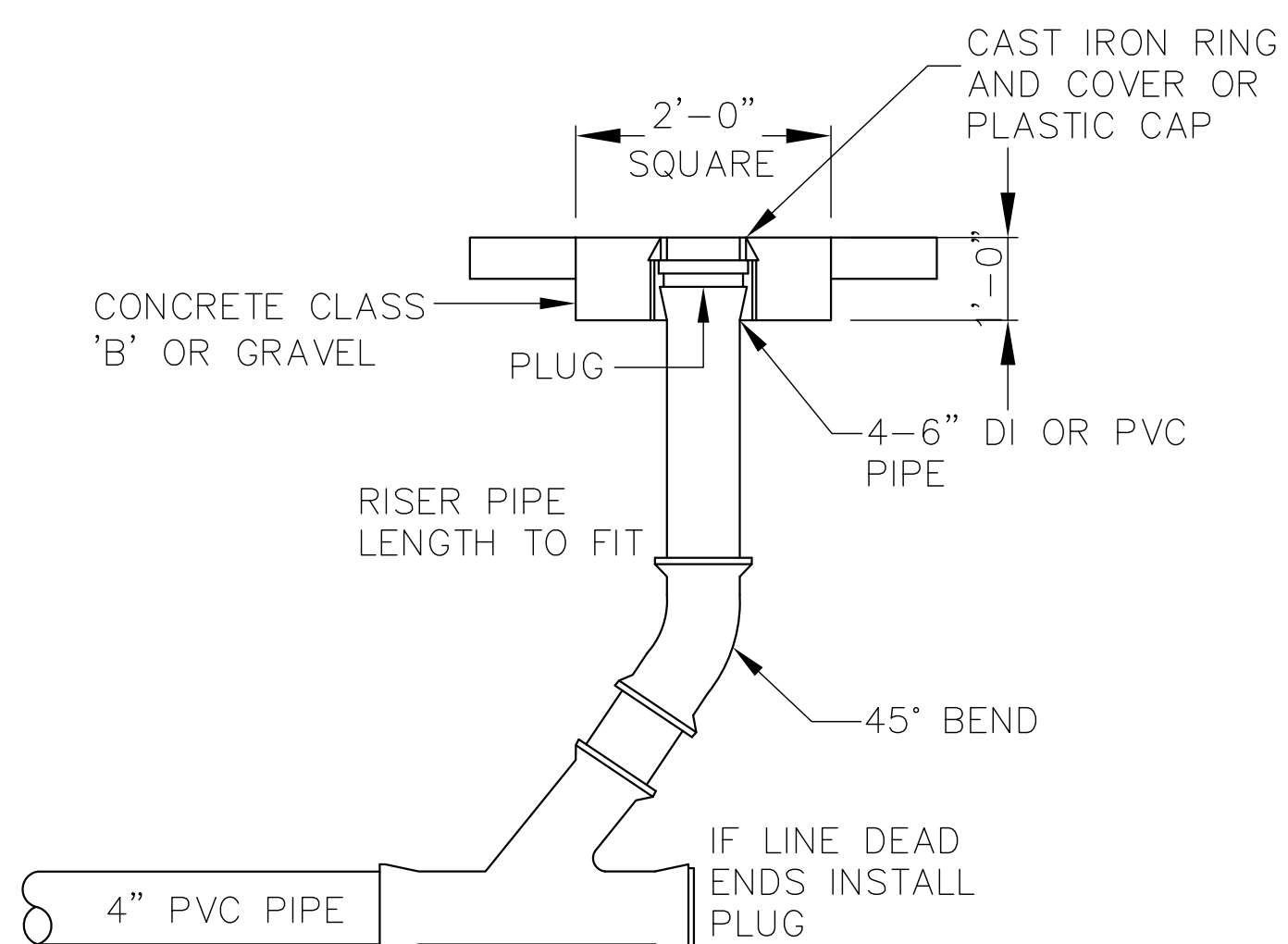
C1.1

FIGURE C.2.1.D FOOT DISPERSION TRENCH WITH NOTCHED BOARD

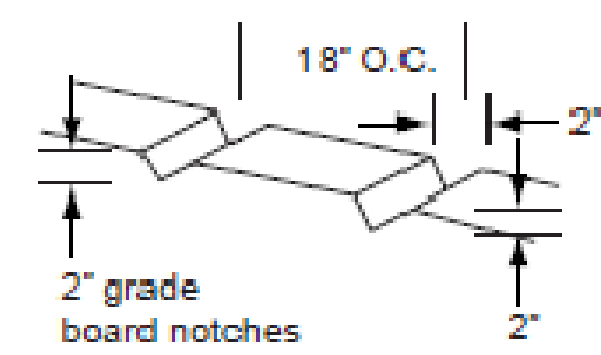
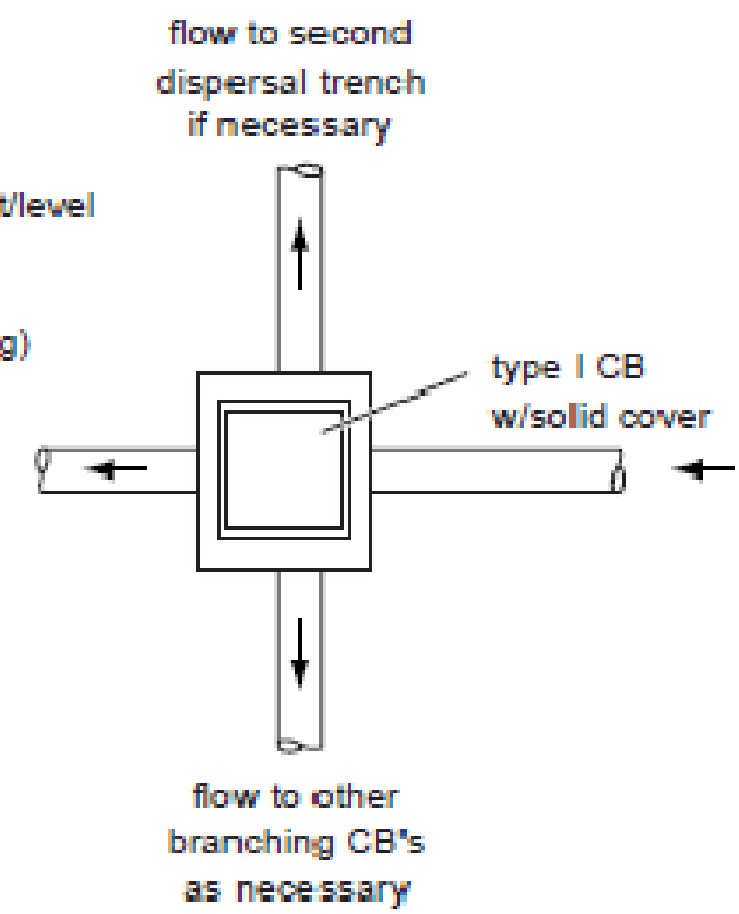


SECTION A-A
NTS

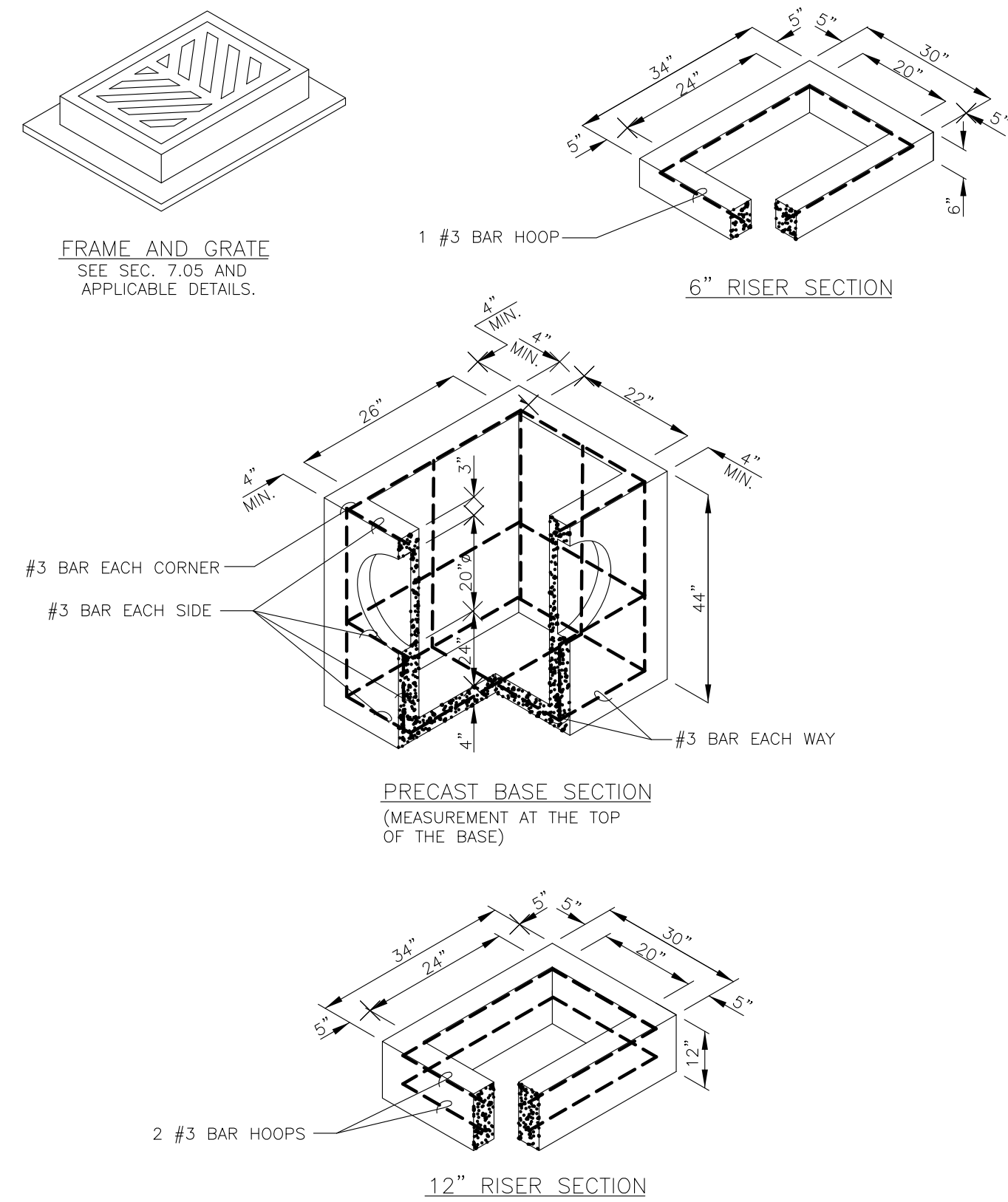
DISPERSION TRENCH WITH NOTCHED BOARD DETAIL
NTS



SD CLEANOUT DETAIL
SCALE: NTS



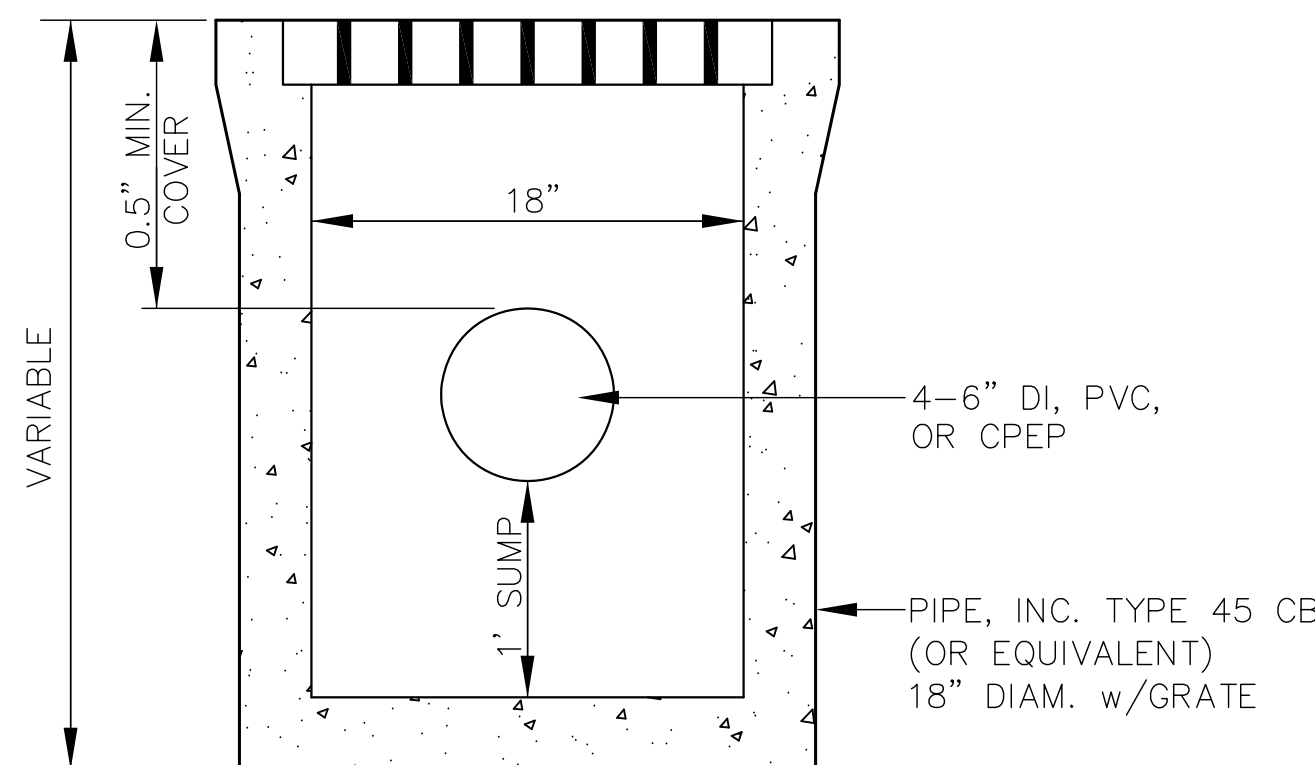
- NOTES:
1. This trench shall be constructed so as to prevent point discharge and/or erosion.
 2. Trenches may be placed no closer than 50 feet to one another. (100 feet along flowline)
 3. Trench and grade board must be level. Align to follow contours of site.
 4. Support post spacing as required by soil conditions to ensure grade board remains level.



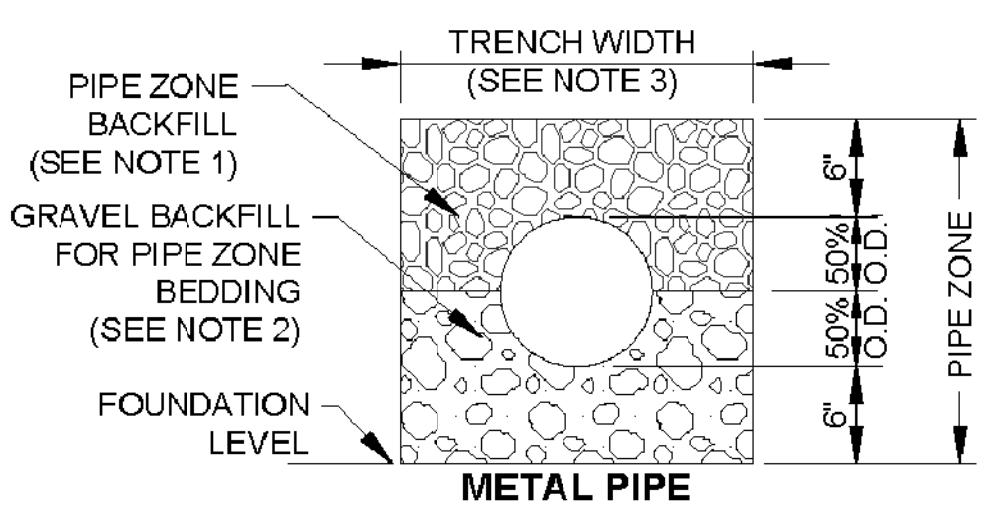
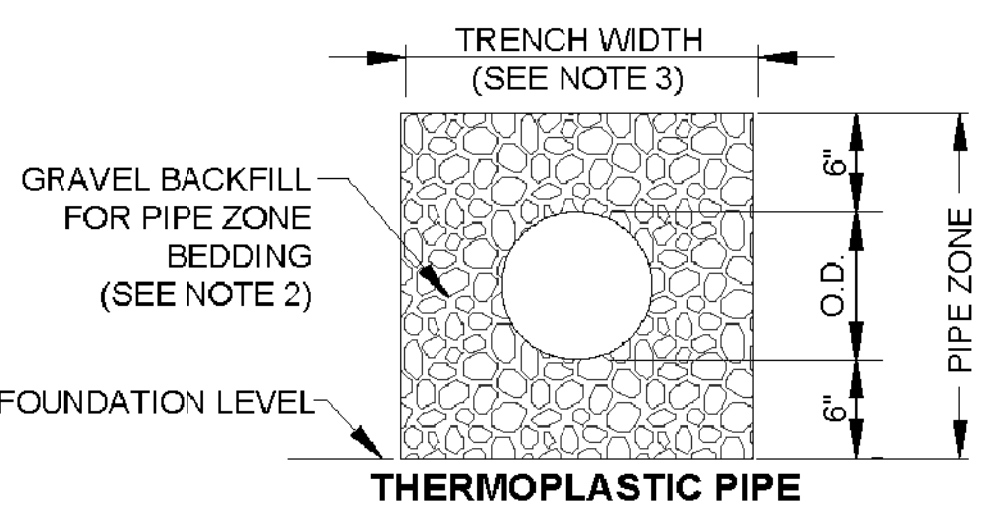
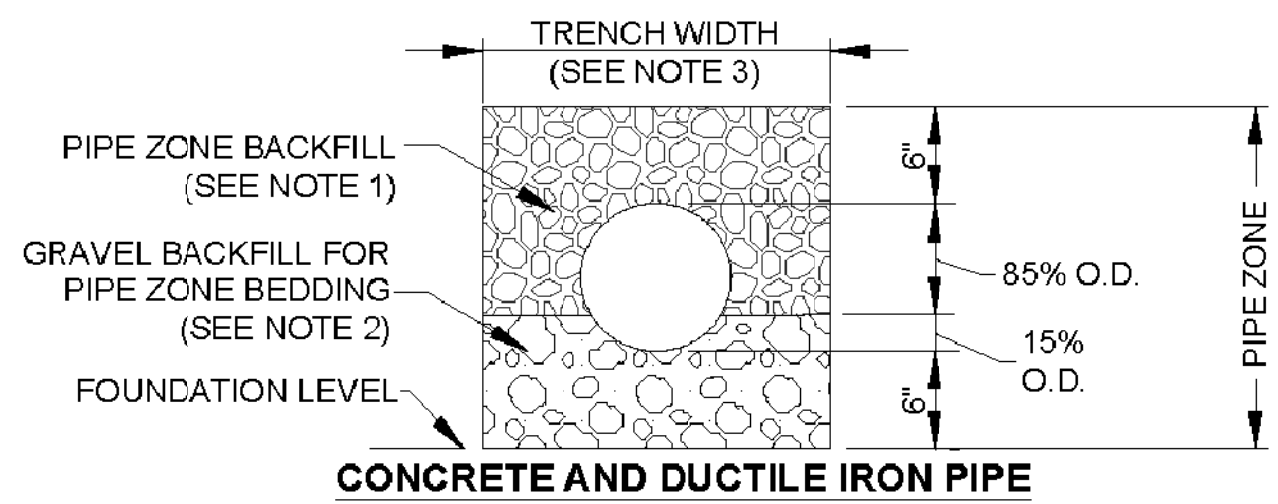
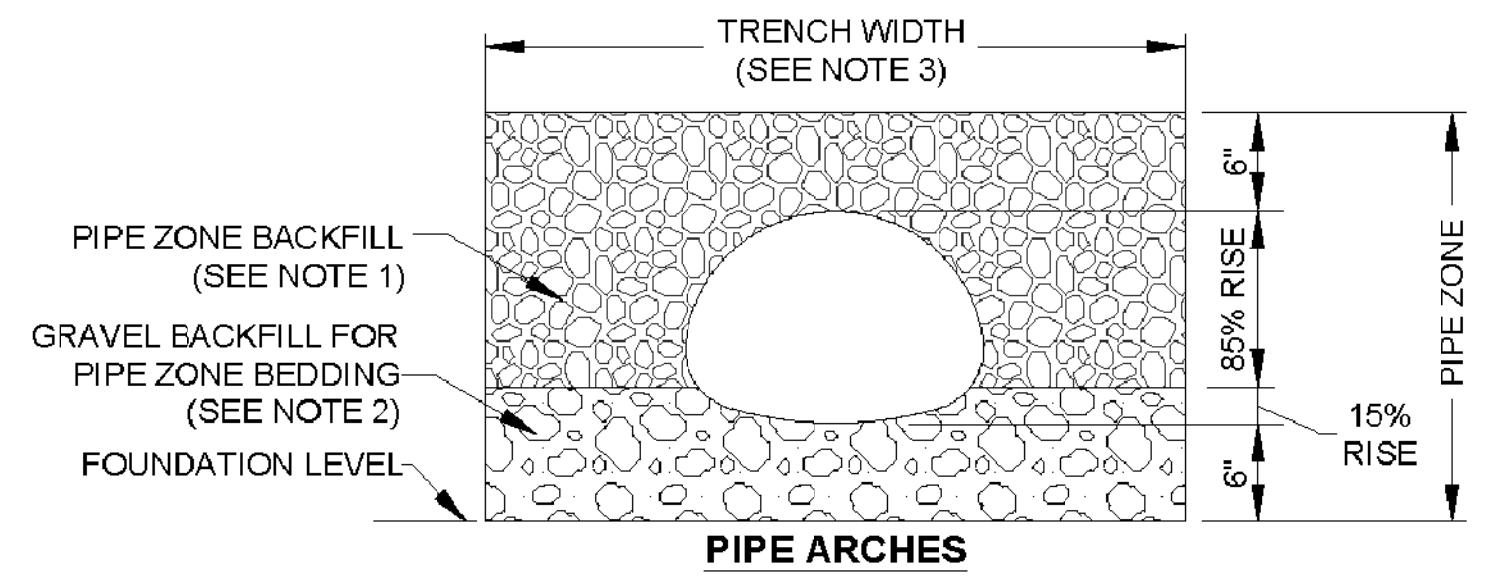
NOTES:

1. CATCH BASINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH ASTM C478 (ASTM M 199) & C890 UNLESS OTHERWISE SHOWN ON PLANS OR NOTED IN THE WSDOT/APWA STANDARD SPECIFICATIONS.
2. AS AN ACCEPTABLE ALTERNATIVE TO REBAR, WELDED WIRE FABRIC HAVING A MIN. AREA OF 0.12 SQ. IN. PER FT. MAY BE USED. WELDED WIRE FABRIC SHALL COMPLY TO ASTM A497 (ASTM M 221). WIRE FABRIC SHALL NOT BE PLACED IN KNOCKOUTS.
3. ALL REINFORCED CAST-IN-PLACE CONCRETE SHALL BE CLASS 4000.
4. PRECAST BASES SHALL BE FURNISHED WITH CUTOUPS OR KNOCKOUTS. KNOCKOUTS SHALL HAVE A WALL THICKNESS OF 2 IN. MIN. ALL PIPE SHALL BE INSTALLED IN FACTORY PROVIDED KNOCKOUTS. UNUSED KNOCKOUTS NEED NOT BE GROUTED IF WALL IS LEFT INTACT.
5. KNOCKOUT OR CUTOUP HOLE SIZE IS EQUAL TO PIPE OUTER DIAM. PLUS CATCH BASIN WALL THICKNESS.
6. ROUND KNOCKOUTS MAY BE ON ALL 4 SIDES, WITH MAX. DIAM. OF 20 IN. KNOCKOUTS MAY BE EITHER ROUND OR "D" SHAPE.
7. THE MAX. DEPTH FROM THE FINISHED GRADE TO THE PIPE INVERT IS 5 FT.
8. THE TAPER ON THE SIDES OF THE PRECAST BASE SECTION AND RISER SECTION SHALL NOT EXCEED 1/2" PER FT.
9. CATCH BASIN FRAME AND GRATE SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS AND MEET THE STRENGTH REQUIREMENTS OF FEDERAL SPECIFICATION RR-F-62D. MATING SURFACES SHALL BE FINISHED TO ASSURE NON-ROCKING FIT WITH ANY COVER POSITION.
10. FRAME AND GRATE MAY BE INSTALLED WITH FLANGE DOWN OR CAST INTO RISER.
11. FOR CATCH BASINS IN PARKING LOTS REFER TO WSDOT/APWA STANDARD DWG. B1-b.
12. EDGE OF RISER OR BRICK SHALL NOT BE MORE THAN 2 IN. FROM VERTICAL EDGE OF CATCH BASIN WALL.

TYPE 1 CATCH BASIN DETAIL NOTES
NTS



YARD DRAIN DETAIL
SCALE: NTS

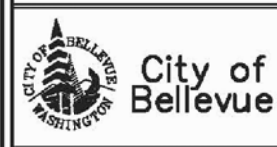
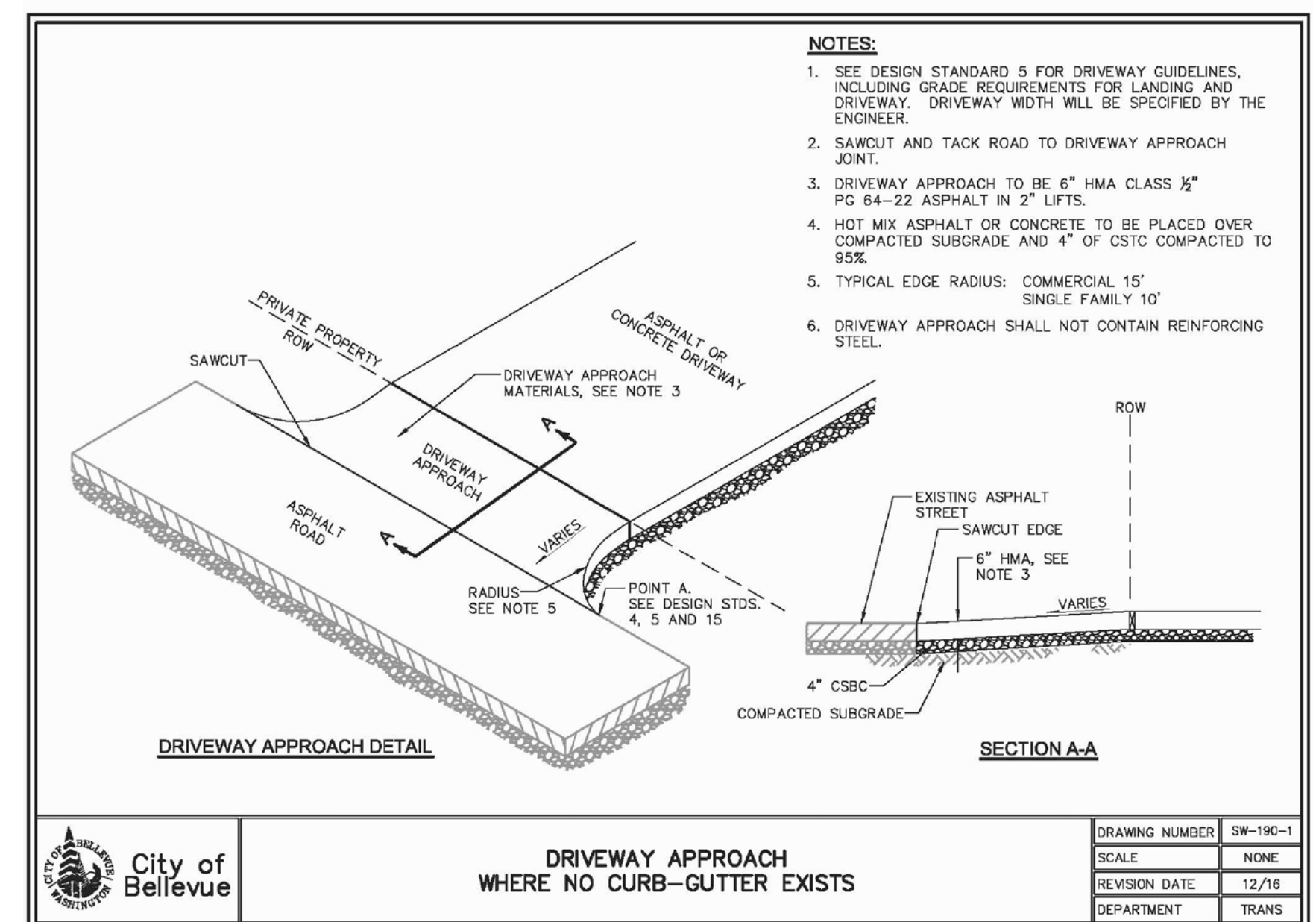


PIPE BEDDING DETAIL
NTS

NOTE:
ALL DETAILS
NOT TO SCALE

NOTES:

1. SEE CURRENT WSDOT STANDARD SPECIFICATIONS SECTION 7-08.3(3) FOR PIPE ZONE BACKFILL.
2. SEE CURRENT WSDOT STANDARD SPECIFICATIONS SECTION 9-03.12(3) FOR GRAVEL BACKFILL FOR PIPE ZONE BEDDING.
3. SEE CURRENT WSDOT STANDARD SPECIFICATIONS SECTION 2-09.4 FOR MEASUREMENT OF TRENCH WIDTH.
4. SEE KCSWDM 4.2.1.1 FOR CLEARANCE BETWEEN PIPES AND OTHER UTILITIES.



DRIVEWAY APPROACH
WHERE NO CURB-GUTTER EXISTS

DRAWING NUMBER	SW-190-1
SCALE	NONE
REVISION DATE	12/16
DEPARTMENT	TRANS



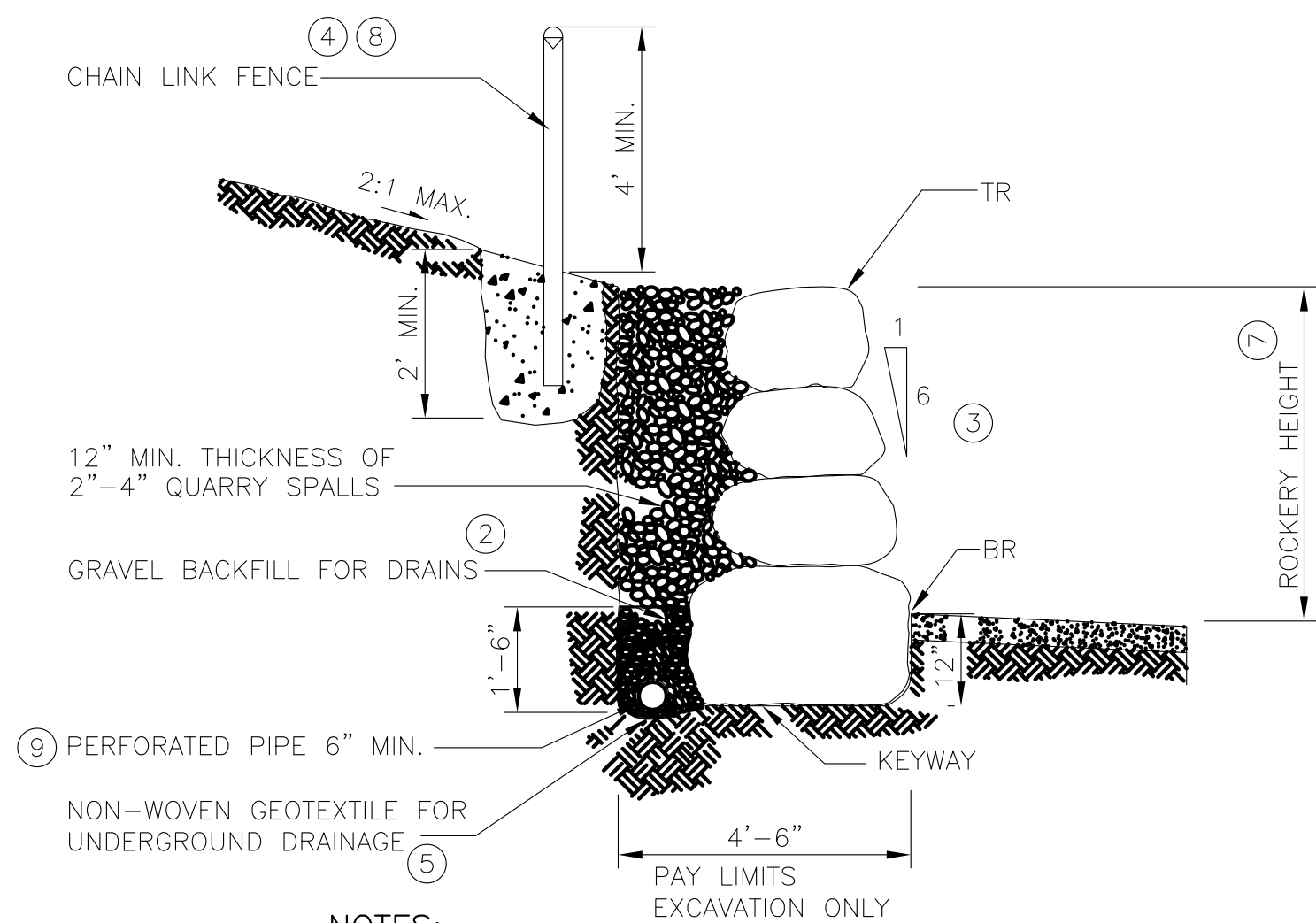
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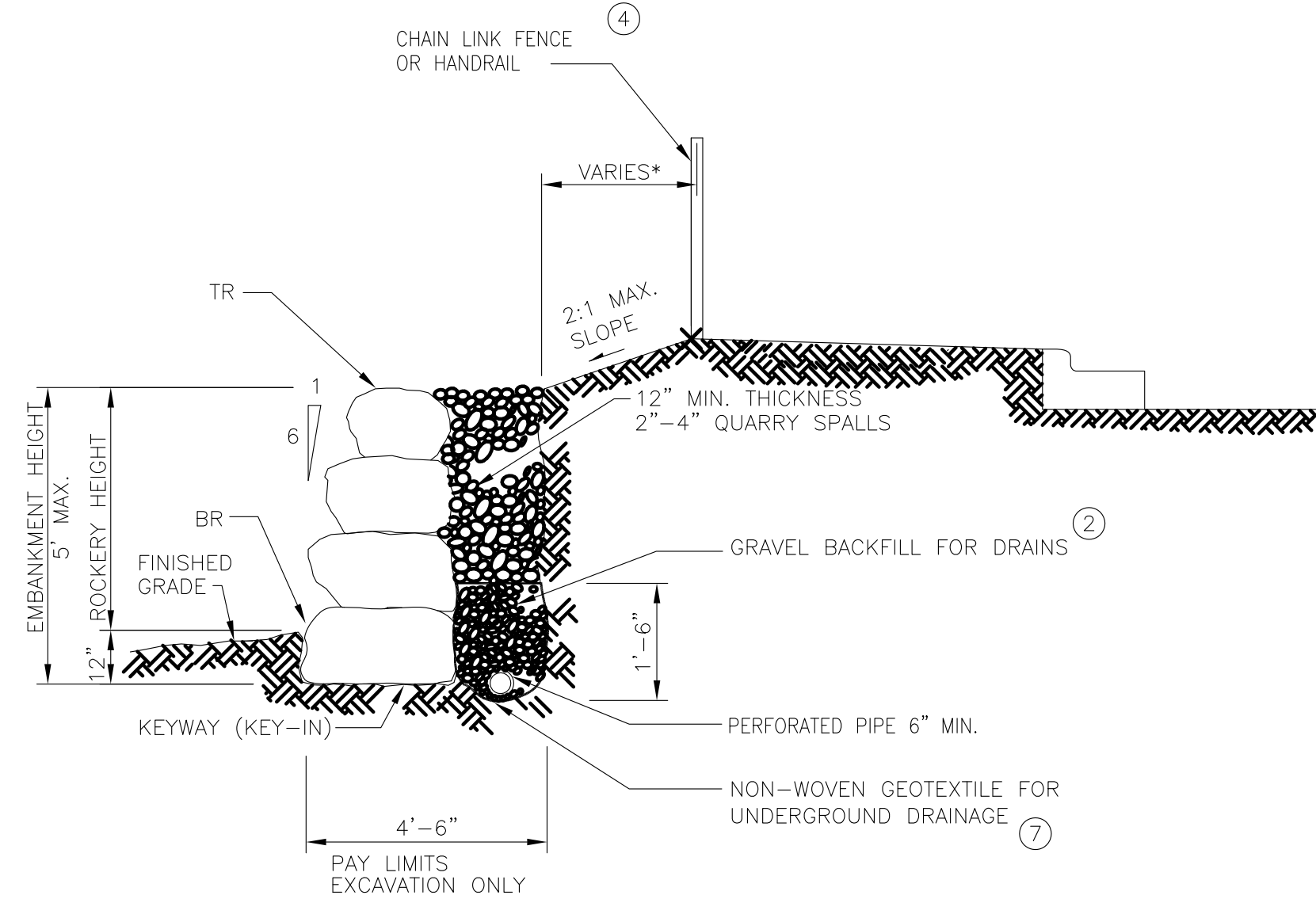
STORM DRAINAGE NOTES AND DETAILS A C1.2



NOTES:

- SEE SEC. 5.01.
- WSDOT/APWA 9-03.12[4]
- FACE OF ROCKERY OR RETAINING WALL MUST BE A MIN. OF 10 FT. FROM TRAVELED WAY IF ROCKERY OR RETAINING WALL IS BEHIND ROLLED CURB OR ON A RURAL SECTION.
- CHAIN LINK FENCE, TYPE NO. 4 OR 6 (WSDOT/APWA STANDARD) IS RECOMMENDED FOR GREATER THAN 2.5' TALL ROCKERY.
- WSDOT/APWA STANDARD SPECIFICATION SECTION 9-33
- THE ROCK FACING FOUNDATION AND/OR KEYWAY IS TO BE CLEARED OF ORGANIC MATTER AND DEBRIS AND THE UNDERLYING MINERAL SOIL COMPACTED TO A MINIMUM 95% OF THE MAXIMUM DRY DENSITY.
- ROCKERY SHALL BE MAXIMUM 4 FEET IN HEIGHT. A LICENSED GEOTECHNICAL IS REQUIRED IF ROCKERY EXCEEDS 4' IN HEIGHT.
- CYCLONE FENCE OR HANDRAIL ABOVE ROCKERY IS RECOMMENDED BUT NOT REQUIRED FOR ROCKERIES 30' OR TALLER.
- CONNECT ROCKERY DRAIN TO ROADSIDE DRAINAGE DITCH VIA 4\"/>

ROCKERY FACING CUT SECTION DETAIL
NTS



NOTES:

- SEE SEC. 5.01.
- WSDOT/APWA 9-03.12[4].
- FLATTER SLOPE MAY BE REQUIRED IN LESS STABLE SOIL.
- CHAIN LINK FENCE, TYPE NO. 4 (WSDOT/APWA STANDARD) OR HANDRAIL RECOMMENDED WHEN ROCKERY HEIGHT IS 18 IN. OR GREATER. SEE FIG. 5-008, NOTE 8.
- NOT USED
- TRAFFIC BARRIERS MAY BE REQUIRED ON ROADS WITH SPEED LIMITS OF 40 MPH OR GREATER, WHERE ROCKERY HEIGHTS EXCEED 6 FT. SEE CHAPTER 7 OF THE WSDOT DESIGN MANUAL.
- WSDOT/APWA STANDARD SPECIFICATION SECTION 9-33
- SEE NOTE 6 OF FIGURE 5-003

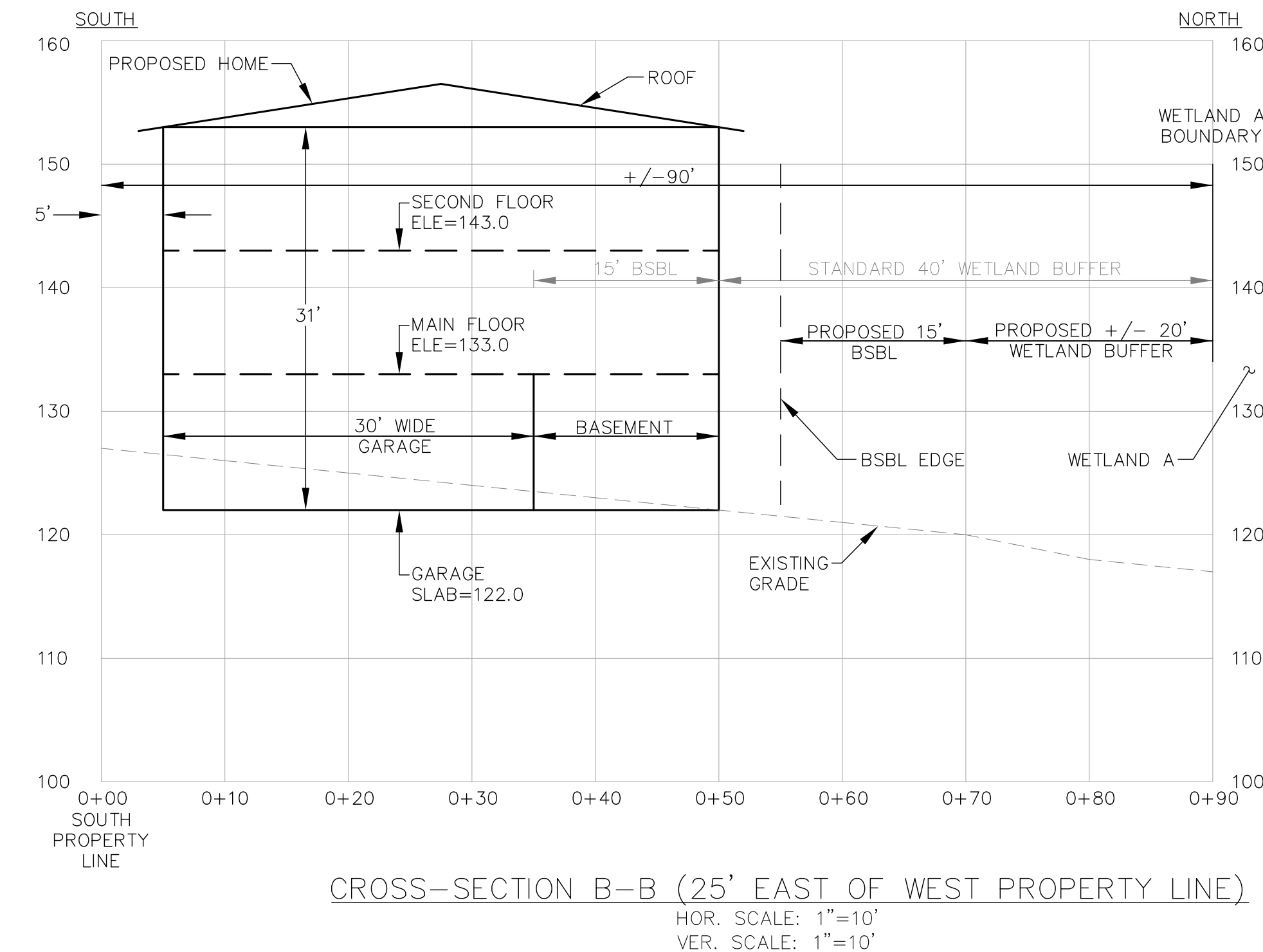
ROCKERY FACING FILL SECTION DETAIL
NTS

RECOMMENDED NATIVE PLANTS FOR A SUNNY SITE ON A SLOPE

SPECIES	SPACING	AVG. HEIGHT
TREES		
BIG LEAF MAPLE (ACER MACROPHYLLUM)	9' ON CENTER	75'
RED ALDER (ALNUS RUBRA)	9' ON CENTER	60'
DOUGLAS FIR (PSEUDOTSUGA MENZIESII)	9' ON CENTER	100'
SHRUBS		
BEAKED HAZELNUT (CORYLUS CORNUTA)	6' ON CENTER	11'
OCEANSPRAY (HOLODISCUS DISCOLOR)	4.5' ON CENTER	7'
MOCK ORANGE (PHILADELPHUS LEWISII)	4.5' ON CENTER	8'
THIMBLEBERRY (RUBUS PARVIFLORUS)	4.5' ON CENTER	8'
SNOWBERRY (SYMPHORICARPOS ALBUS)	4.5' ON CENTER	5'
GROUNDCOVER		
KINNIKINNICK (ARCTOSTAPHYLOS UVA-URSI)	2' ON CENTER	6-8"
COASTAL STRAWBERRY (FRAGARIA CHILOENSIS)	2' ON CENTER	4-6"
IDAHO FESCUE (FESTUCA IDAHOENSIS)	2' ON CENTER	2.5'
SWORD FERN (POLYSTICHUM MUNITUM)	2' ON CENTER	5'
FIREWEED (EPILOBIUM ANGUSTIFOLIUM)	2' ON CENTER	1.5-2'

NATIVE VEGETATED FLOWPATH SEGMENT (NVFS) CRITERIA:

- THE FLOWPATH SEGMENT MUST BE OVER WELL-ESTABLISHED LAWN OR PASTURE, LANDSCAPING WITH WELL-ESTABLISHED GROUNDCOVER, OR NATIVE VEGETATION WITH NATURAL GROUNDCOVER. THE GROUNDCOVER MUST BE DENSE ENOUGH TO HELP DISPERSE AND INFILTRATE FLOWS AND TO PREVENT EROSION.
- THE FLOWPATH SEGMENT MUST BE ONSITE OR IN AN OFFSITE TRACT OR EASEMENT AREA RESERVED FOR SUCH DISPERSION.
- THE SLOPE OF THE FLOWPATH SEGMENT MUST BE NO STEEPER THAN 15% FOR ANY 20-FOOT REACH OF THE FLOWPATH SEGMENT.
- THE FLOWPATH SEGMENT MUST BE LOCATED BETWEEN THE DISPERSION DEVICE AND ANY DOWNSTREAM IMPERVIOUS SURFACE OR DRAINAGE FEATURE SUCH AS PIPE, DITCH, STREAM, RIVER, POND, LAKE, OR WETLAND. ALL OR A PORTION OF THE FLOWPATH SEGMENT MAY BE LOCATED WITHIN A CRITICAL AREA BUFFER.

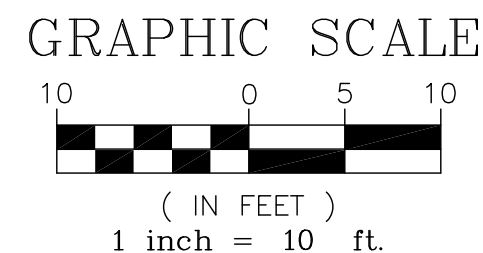




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PROPOSED-WHITE WATER-BLUE

TESC PLAN
SCALE = 1"=10'

**10th Street
(Vacated)**



MARK RIGOS
440 SE DARST STREET
ISSAQUAH, WA 98027
(425) 652-6013

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C2.0



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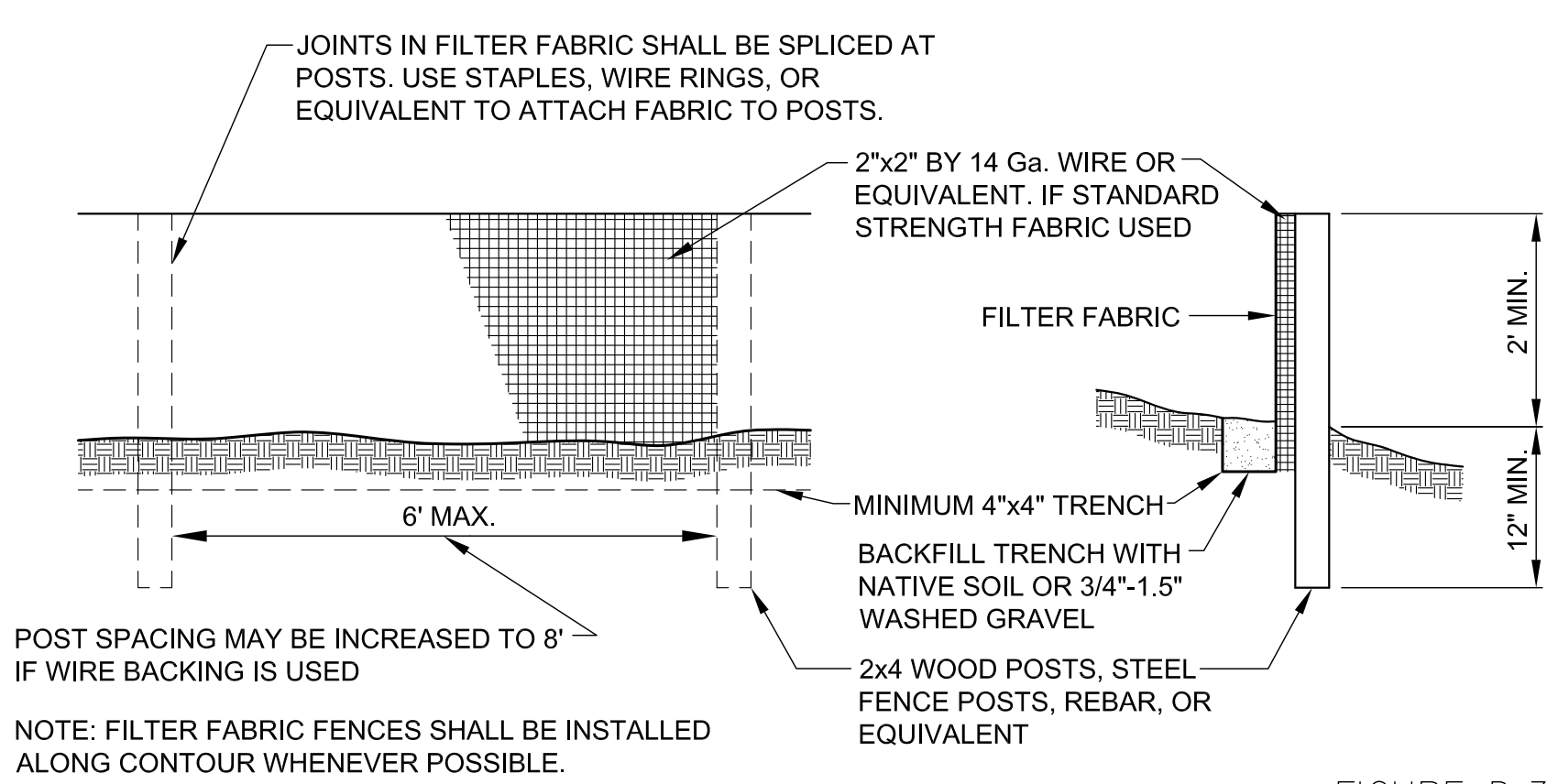


FIGURE D.3.3.A SILT FENCE DETAIL
NTS

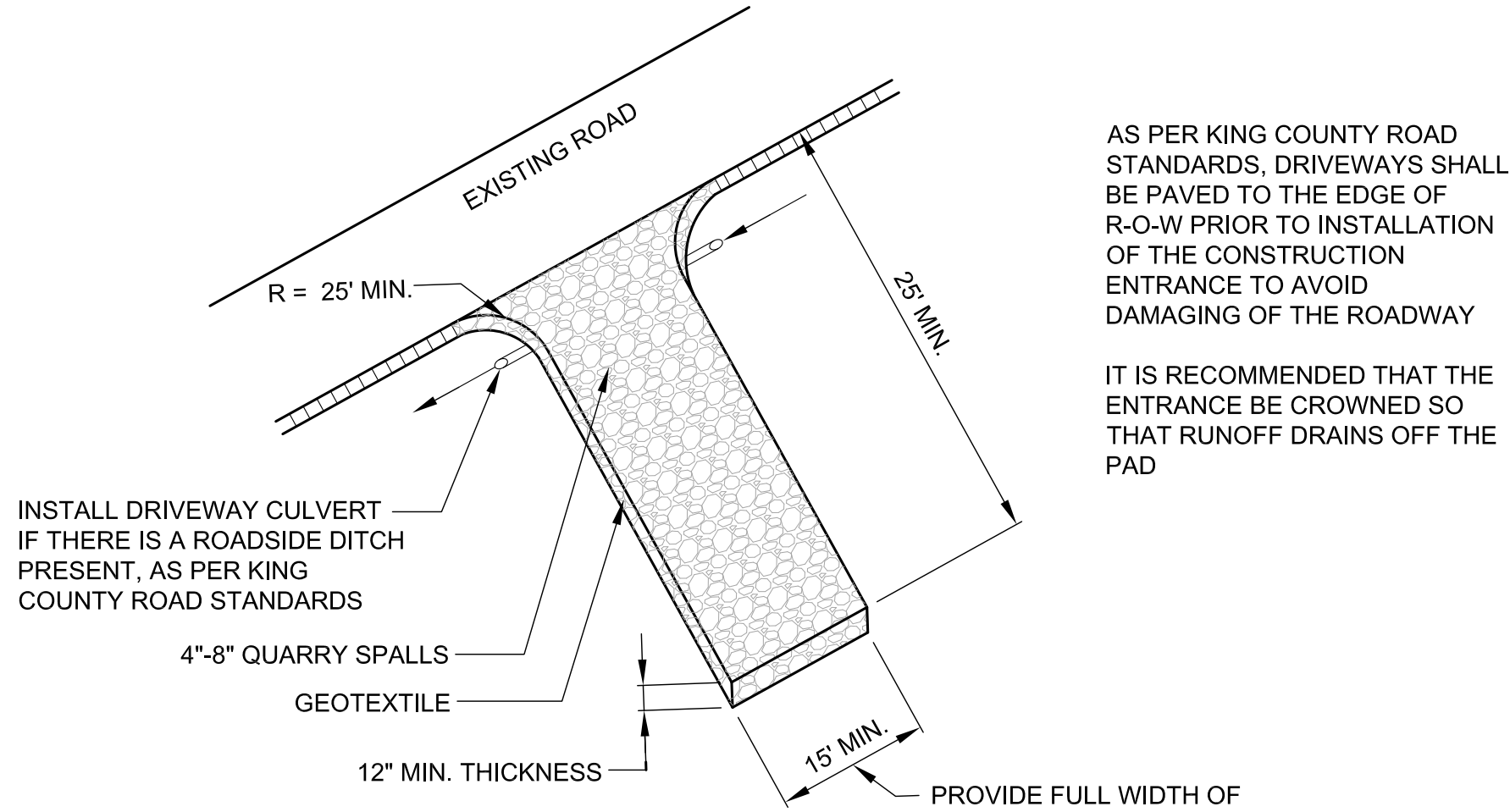


FIGURE D.3.4.A STABILIZED CONSTRUCTION ENTRANCE DETAIL
NTS

DEMOLITION CONSTRUCTION NOTES:

1. THE EXISTING BUILDING SHOWN HERE IS FOR LOCATION REFERENCE ONLY. CONCRETE FOUNDATIONS AND CONCRETE APRON AROUND THE BUILDING SHALL BE REMOVED. SEE ALSO ARCHITECTURAL PLANS.
2. ALL UTILITY SERVICE LINES WITHIN NEW BUILDING FOOTPRINT SHALL BE REMOVED. DISCONNECT AND CAP ALL UTILITY SERVICES PRIOR TO BUILDING DEMOLITION. COORDINATE WITH CITY OF BELLEVUE UTILITIES DEPARTMENT.
3. DO NOT SHUT OFF OR CAP UTILITIES WITHOUT PRIOR NOTICE. COORDINATE WORK WITH THE CITY OF BELLEVUE UTILITIES DEPARTMENT.
4. VERIFY THAT ALL UTILITY SERVICES TO BE DEMOLISHED HAVE BEEN DISCONNECTED.
5. ERECT BARRIERS, SHORING AND THE LIKE TO PROTECT PERSONNEL, CONSTRUCTION, ADJACENT PROPERTIES, AND VEGETATION TO REMAIN, COMPLY WITH ALL STATE AND LOCAL AGENCY REQUIREMENTS.
6. PROVIDE FOR THE PROTECTION OF PERSONS PASSING AROUND OR THROUGH THE AREA OF DEMOLITION.
7. PROTECT FROM HARM ANY TREES, OR OTHER OBJECTS SELECTED TO REMAIN.
8. DO NOT DAMAGE EXISTING CONSTRUCTION TO REMAIN.
9. MAINTAIN VEHICULAR AND PEDESTRIAN TRAFFIC ROUTES: ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, SIDEWALKS, AND ADJACENT FACILITIES; DO NOT CLOSE OR OBSTRUCT STREETS, SIDEWALKS, OR PASSAGEWAYS WITHOUT PERMISSION FROM AUTHORITIES HAVING JURISDICTION; MAINTAIN FIRE ACCESS ALONG ACCESS ROAD AT ALL TIMES; MEET ALL APPLICABLE CODES AND ORDINANCES.
10. SPRINKLE DEBRIS AS NECESSARY TO LIMIT DUST TO LOWEST PRACTICABLE LEVEL. DO NOT SPRINKLE TO EXTENT CAUSING FLOODING, CONTAMINATED RUNOFF OR ICING.
11. REMOVE EXISTING ABOVE-GRADE AND BELOW-GRADE IMPROVEMENTS AS INDICATED AND AS NECESSARY TO FACILITATE NEW CONSTRUCTION. CARE SHALL BE TAKEN THAT DAMAGE DOES NOT OCCUR TO EXISTING PAVEMENT WHICH IS TO REMAIN IN PLACE AND THAT ALL PAVEMENT REMOVALS ARE ACCOMPLISHED BY MAKING A NEAT VERTICAL SAW CUT AT THE BOUNDARIES OF THE AREA TO BE REMOVED.
12. COMPLETELY REMOVE ALL TREES, GROWTH AND UNDERBRUSH INCLUDING COMPLETE ROOT SYSTEMS AS REQUIRED FOR NEW CONSTRUCTION AS INDICATED. REMOVAL OPERATIONS SHALL BE PERFORMED IN A MANNER TO PROTECT PROPERTY.
13. ONLY TREES THAT ARE MARKED WITH AN X SHALL BE REMOVED. THOSE ARE THE TREES INCLUDING THEIR TREE ROOTS HAVING CONFLICTS WITH THE CONSTRUCTION OF PROPOSED IMPROVEMENTS.
14. MAKE CUTS AT CLOSEST TO PAVING JOINT.
15. CONTRACTOR SHALL RETURN THE EXISTING METER TO THE CITY OF BELLEVUE AFTER ITS REMOVAL.

CONSTRUCTION NOISE NOTES

- CONSTRUCTION NOISE OUTSIDE THE ALLOWABLE HOURS IS PROHIBITED PER BCC 9.18.040. TO BE CONSIDERED A VIOLATION, THE CONSTRUCTION-RELATED NOISE MUST BE AUDIBLE ACROSS A PROPERTY LINE OR AT LEAST 75 FEET FROM THE SOURCE. ANY VIOLATION IS A CIVIL INFRACTION AND THE CITY MAY ASSESS A MONETARY PENALTY TO THE INDIVIDUAL CREATING THE NOISE. THE PENALTIES ARE:
- A WARNING WILL BE ISSUED IF NO CONSTRUCTION NOISE VIOLATION HAS BEEN COMMITTED BY THE SAME PERSON WITHIN THE PREVIOUS TWO YEARS AT ANY LOCATION WITHIN THE CITY.
 - A CITATION WILL BE ISSUED AND A \$125 FINE IMPOSED IF ONE PREVIOUS VIOLATION HAS BEEN COMMITTED BY THE SAME PERSON WITHIN THE PREVIOUS TWO YEARS AT ANY LOCATION WITHIN THE CITY.
 - A CITATION WILL BE ISSUED AND A \$250 FINE IMPOSED IF TWO OR MORE PREVIOUS VIOLATION HAVE BEEN COMMITTED BY THE SAME PERSON WITHIN THE PREVIOUS TWO YEARS AT ANY LOCATION WITHIN THE CITY.
 - FOR ALL COMMERCIAL, MULTI-FAMILY, AND NEW SINGLE-FAMILY HOMES:
 - CONSTRUCTION-RELATED NOISE IS ALLOWED:
 - 7 AM TO 6 PM ON WEEKDAYS
 - 9 AM TO 6 PM ON SATURDAYS

CONSTRUCTION-RELATED NOISE IS NOT ALLOWED:

- OUTSIDE OF ALLOWABLE HOURS
- LEGAL HOLIDAYS
- SUNDAYS

ADDITIONAL ESC NOTES

1. EROSION CONTROL MEASURES SHOWN ON THIS PLAN ARE MINIMUM REQUIREMENTS.

EROSION AND SEDIMENT CONTROL RECOMMENDED CONSTRUCTION SEQUENCE

1. PRE-CONSTRUCTION MEETING.
2. POST SIGN WITH NAME AND PHONE NUMBER OF ESC SUPERVISOR (MAY BE CONSOLIDATED WITH THE REQUIRED NOTICE OF CONSTRUCTION SIGN).
3. FLAG OR FENCE CLEARING LIMITS.
4. INSTALL CATCH BASIN PROTECTION IF REQUIRED.
5. GRADE AND INSTALL CONSTRUCTION ENTRANCE(S).
6. INSTALL PERIMETER PROTECTION (SILT FENCE, BRUSH BARRIER, ETC.).
7. CONSTRUCT SEDIMENT PONDS AND TRAPS.
8. GRADE AND STABILIZE CONSTRUCTION ROADS.
9. CONSTRUCT SURFACE WATER CONTROLS (INTERCEPTOR DIKES, PIPE SLOPE DRAINS, ETC.) SIMULTANEOUSLY WITH CLEARING AND GRADING FOR PROJECT DEVELOPMENT.
10. MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH KING COUNTY STANDARDS AND THE COB STANDARDS.
11. RELOCATE EROSION CONTROL MEASURES OR INSTALL NEW MEASURES SO THAT AS SITE CONDITIONS CHANGE THE EROSION AND SEDIMENT CONTROL IS ALWAYS IN ACCORDANCE WITH THE KING COUNTY EROSION AND SEDIMENT CONTROL STANDARDS.
12. COVER ALL AREAS THAT WILL BE UNWORKED FOR MORE THAN SEVEN DAYS DURING THE DRY SEASON OR TWO DAYS DURING THE WET SEASON WITH STRAW, WOOD FIBER MULCH, COMPOST, PLASTIC SHEETING OR EQUIVALENT.
13. STABILIZE ALL AREAS THAT REACH FINAL GRADE WITHIN SEVEN DAYS.
14. SEED OR SOD ANY AREAS TO REMAIN UNWORKED FOR MORE THAN 30 DAYS.
15. UPON COMPLETION OF THE PROJECT, ALL DISTURBED AREAS MUST BE STABILIZED AND BMPS REMOVED IF APPROPRIATE.



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C2.1

ELEMENT 1: PRESERVE VEGETATION/MARK CLEARING LIMITS
BEFORE BEGINNING LAND DISTURBING ACTIVITIES, INCLUDING CLEARING AND GRADING, CLEARLY MARK ALL CLEARING LIMITS, SENSITIVE AREAS AND THEIR BUFFERS, AND TREES THAT ARE TO BE PRESERVED WITHIN THE CONSTRUCTION AREA.
RETAIN THE DUFF LAYER, NATIVE TOP SOIL, AND NATURAL VEGETATION IN AN UNDISTURBED STATE TO THE MAXIMUM DEGREE PRACTICABLE.

ELEMENT 2: ESTABLISH CONSTRUCTION ACCESS
LIMIT CONSTRUCTION VEHICLE ACCESS AND EXIT TO ONE ROUTE, IF POSSIBLE.
STABILIZE ACCESS POINTS WITH A PAD OF QUARRY SPALLS, CRUSHED ROCK, OR OTHER EQUIVALENT BMPS, TO MINIMIZE TRACKING OF SEDIMENT ONTO PUBLIC ROADS.
LOCATE WHEEL WASH OR TIRE BATHS ON SITE, IF THE STABILIZED CONSTRUCTION ENTRANCE IS NOT EFFECTIVE IN PREVENTING TRACKING SEDIMENT ONTO ROADS.
IF SEDIMENT IS TRACKED OFF SITE, CLEAN THE AFFECTED ROADWAY THOROUGHLY AT THE END OF EACH DAY, OR MORE FREQUENTLY AS NECESSARY (FOR EXAMPLE, DURING WET WEATHER). REMOVE SEDIMENT FROM ROADS BY SHOVELING, SWEEPING, OR PICK UP AND TRANSPORT THE SEDIMENT TO A CONTROLLED SEDIMENT DISPOSAL AREA.
CONDUCT STREET WASHING ONLY AFTER SEDIMENT IS REMOVED IN ACCORDANCE WITH THE ABOVE BULLET.
CONTROL STREET WASH WASTEWATER BY PUMPING BACK ON-SITE, OR OTHERWISE PREVENT IT FROM DISCHARGING INTO SYSTEMS TRIBUTARY TO WATERS OF THE STATE.

ELEMENT 3: CONTROL FLOW RATES
PROTECT PROPERTIES AND WATERWAYS DOWNSTREAM OF DEVELOPMENT SITES FROM EROSION AND THE ASSOCIATED DISCHARGE OF TURBID WATERS DUE TO INCREASES IN THE VELOCITY AND PEAK VOLUMETRIC FLOW RATE OF STORMWATER RUNOFF FROM THE PROJECT SITE.
WHERE NECESSARY TO COMPLY WITH THE BULLET ABOVE, CONSTRUCT STORMWATER RETENTION OR DETENTION FACILITIES AS ONE OF THE FIRST STEPS IN GRADING. ASSURE THAT DETENTION FACILITIES FUNCTION PROPERLY BEFORE CONSTRUCTING SITE IMPROVEMENTS (E.G. IMPERVIOUS SURFACES).
IF PERMANENT INFILTRATION PONDS ARE USED FOR FLOW CONTROL DURING CONSTRUCTION, PROTECT THESE FACILITIES FROM SILTATION DURING THE CONSTRUCTION PHASE.

ELEMENT 4: INSTALL SEDIMENT CONTROLS
DESIGN, INSTALL, AND MAINTAIN EFFECTIVE EROSION CONTROLS AND SEDIMENT CONTROLS TO MINIMIZE THE DISCHARGE OF POLLUTANTS.
CONSTRUCT SEDIMENT CONTROL BMPS (SEDIMENT PONDS, TRAPS, FILTERS, ETC.) AS ONE OF THE FIRST STEPS IN GRADING. THESE BMPS SHALL BE FUNCTIONAL BEFORE OTHER LAND DISTURBING ACTIVITIES TAKE PLACE.
MINIMIZE SEDIMENT DISCHARGES FROM THE SITE. THE DESIGN, INSTALLATION AND MAINTENANCE OF EROSION AND SEDIMENT CONTROLS MUST ADDRESS FACTORS SUCH AS THE AMOUNT, FREQUENCY, INTENSITY AND DURATION OF PRECIPITATION, THE NATURE OF RESULTING STORMWATER RUNOFF, AND SOIL CHARACTERISTICS, INCLUDING THE RANGE OF SOIL PARTICLE SIZES EXPECTED TO BE PRESENT ON THE SITE.
DIRECT STORMWATER RUNOFF FROM DISTURBED AREAS THROUGH A SEDIMENT POND OR OTHER APPROPRIATE SEDIMENT REMOVAL BMP, BEFORE THE RUNOFF LEAVES A CONSTRUCTION SITE OR BEFORE DISCHARGE TO AN INFILTRATION FACILITY. RUNOFF FROM FULLY STABILIZED AREAS MAY BE DISCHARGED WITHOUT A SEDIMENT REMOVAL BMP, BUT MUST MEET THE FLOW CONTROL PERFORMANCE STANDARD IN ELEMENT #3, BULLET #1.
LOCATE BMPS INTENDED TO TRAP SEDIMENT ON-SITE IN A MANNER TO AVOID INTERFERENCE WITH THE MOVEMENT OF JUVENILE SALMONIDS ATTEMPTING TO ENTER OFF-CHANNEL AREAS OR DRAINAGES.
WHERE FEASIBLE, DESIGN OUTLET STRUCTURES THAT WITHDRAW IMPOUNDED STORMWATER FROM THE SURFACE TO AVOID DISCHARGING SEDIMENT THAT IS STILL SUSPENDED LOWER IN THE WATER COLUMN.

ELEMENT 5: STABILIZE SOILS
STABILIZE EXPOSED AND UNWORKED SOILS BY APPLICATION OF EFFECTIVE BMPS THAT PREVENT EROSION. APPLICABLE BMPS INCLUDE, BUT ARE NOT LIMITED TO: TEMPORARY AND PERMANENT SEEDING, SODDING, MULCHING, PLASTIC COVERING, EROSION CONTROL FABRICS AND MATTING, SOIL APPLICATION OF POLYACRYLAMIDE (PAM), THE EARLY APPLICATION OF GRAVEL BASE EARLY ON AREAS TO BE PAVED, AND DUST CONTROL.
CONTROL STORMWATER VOLUME AND VELOCITY WITHIN THE SITE TO MINIMIZE SOIL EROSION.
CONTROL STORMWATER DISCHARGES, INCLUDING BOTH PEAK FLOW RATES AND TOTAL STORMWATER VOLUME, TO MINIMIZE EROSION AT OUTLETS AND TO MINIMIZE DOWNSTREAM CHANNEL AND STREAM BANK EROSION.
SOILS MUST NOT REMAIN EXPOSED AND UNWORKED FOR MORE THAN THE TIME PERIODS SET FORTH BELOW TO PREVENT EROSION:
DURING THE DRY SEASON (MAY 1 - SEPT. 30): 7 DAYS
DURING THE WET SEASON (OCTOBER 1 - APRIL 30): 2 DAYS
STABILIZE SOILS AT THE END OF THE SHIFT BEFORE A HOLIDAY OR WEEKEND IF NEEDED BASED ON THE WEATHER FORECAST.
STABILIZE SOIL STOCKPILES FROM EROSION, PROTECTED WITH SEDIMENT TRAPPING MEASURES, AND WHERE POSSIBLE, BE LOCATED AWAY FROM STORM DRAIN INLETS, WATERWAYS AND DRAINAGE CHANNELS.
MINIMIZE THE AMOUNT OF SOIL EXPOSED DURING CONSTRUCTION ACTIVITY.
MINIMIZE THE DISTURBANCE OF STEEP SLOPES.
MINIMIZE SOIL COMPACTION AND, UNLESS INFEASIBLE, PRESERVE TOPSOIL.

ELEMENT 6: PROTECT SLOPES
DESIGN AND CONSTRUCT CUT-AND-FILL SLOPES IN A MANNER TO MINIMIZE EROSION. APPLICABLE PRACTICES INCLUDE, BUT ARE NOT LIMITED TO, REDUCING CONTINUOUS LENGTH OF SLOPE WITH TERRACING AND DIVERSIONS, REDUCING SLOPE STEEPNESS, AND ROUGHENING SLOPE SURFACES (FOR EXAMPLE, TRACK WALKING).
DIVERT OFF-SITE STORMWATER (RUN-ON) OR GROUND WATER AWAY FROM SLOPES AND DISTURBED AREAS WITH INTERCEPTOR DIKES, PIPES AND/OR SWALES.
OFF-SITE STORMWATER SHOULD BE MANAGED SEPARATELY FROM STORMWATER GENERATED ON THE SITE.
AT THE TOP OF SLOPES, COLLECT DRAINAGE IN PIPE SLOPE DRAINS OR PROTECTED CHANNELS TO PREVENT EROSION.
TEMPORARY PIPE SLOPE DRAINS MUST HANDLE THE PEAK 10-MINUTE VELOCITY OF FLOW FROM A TYPE 1A, 10-YEAR, 24-HOUR FREQUENCY STORM FOR THE DEVELOPED CONDITION. ALTERNATIVELY, THE 10-YEAR AND 1-HOUR FLOW RATE PREDICTED BY AN APPROVED CONTINUOUS RUNOFF MODEL, INCREASED BY A FACTOR OF 1.6, MAY BE USED. THE HYDROLOGIC ANALYSIS MUST USE THE EXISTING LAND COVER CONDITION FOR PREDICTING FLOW RATES FROM TRIBUTARY AREAS OUTSIDE THE PROJECT LIMITS. FOR TRIBUTARY AREAS ON THE PROJECT SITE, THE ANALYSIS MUST USE THE TEMPORARY OR PERMANENT PROJECT LAND COVER CONDITION, WHICHEVER WILL PRODUCE THE HIGHEST FLOW RATES. IF USING THE WESTERN WASHINGTON HYDROLOGY MODEL (WWHM) TO PREDICT FLOWS, BARE SOIL AREAS SHOULD BE MODELED AS "LANDSCAPED" AREA.
PLACE EXCAVATED MATERIAL ON THE UPHILL SIDE OF TRENCHES, CONSISTENT WITH SAFETY AND SPACE CONSIDERATIONS. PLACE CHECK DAMS AT REGULAR INTERVALS WITHIN CONSTRUCTED CHANNELS THAT ARE CUT DOWN A SLOPE.

ELEMENT 7: PROTECT DRAIN INLETS
PROTECT ALL STORM DRAIN INLETS MADE OPERABLE DURING CONSTRUCTION SO THAT STORMWATER RUNOFF SHALL NOT ENTER THE CONVEYANCE SYSTEM WITHOUT FIRST BEING FILTERED OR TREATED TO REMOVE SEDIMENT.
CLEAN OR REMOVE AND REPLACE INLET PROTECTION DEVICES WHEN SEDIMENT HAS FILLED ONE-THIRD OF THE AVAILABLE STORAGE (UNLESS A DIFFERENT STANDARD IS SPECIFIED BY THE PRODUCT MANUFACTURER).

ELEMENT 8: STABILIZE CHANNELS AND OUTLETS
DESIGN, CONSTRUCT, AND STABILIZE ALL ON-SITE CONVEYANCE CHANNELS TO PREVENT EROSION FROM THE FOLLOWING EXPECTED PEAK FLOWS:
CHANNELS MUST HANDLE THE PEAK 10-MINUTE VELOCITY OF FLOW FROM A TYPE 1A, 10- YEAR, 24-HOUR FREQUENCY STORM FOR THE DEVELOPED CONDITION. ALTERNATIVELY, THE 10-YEAR, 1-HOUR FLOW RATE INDICATED BY AN APPROVED CONTINUOUS RUNOFF MODEL, INCREASED BY A FACTOR OF 1.6, MAY BE USED. THE HYDROLOGIC ANALYSIS MUST USE THE EXISTING LAND COVER CONDITION FOR PREDICTING FLOW RATES FROM TRIBUTARY AREAS OUTSIDE THE PROJECT LIMITS. FOR TRIBUTARY AREAS ON THE PROJECT SITE, THE ANALYSIS MUST USE THE TEMPORARY OR PERMANENT PROJECT LAND COVER CONDITION, WHICHEVER WILL PRODUCE THE HIGHEST FLOW RATES. IF USING THE WESTERN WASHINGTON HYDROLOGY MODEL (WWHM) TO PREDICT FLOWS, BARE SOIL AREAS SHOULD BE MODELED AS "LANDSCAPED AREA".
PROVIDE STABILIZATION, INCLUDING ARMORING MATERIAL, ADEQUATE TO PREVENT EROSION OF OUTLETS, ADJACENT STREAM BANKS, SLOPES AND DOWNSTREAM REACHES AT THE OUTLETS OF ALL CONVEYANCE SYSTEMS.

ELEMENT 9: CONTROL POLLUTANTS
DESIGN, INSTALL, IMPLEMENT AND MAINTAIN EFFECTIVE POLLUTION PREVENTION MEASURES TO MINIMIZE THE DISCHARGE OF POLLUTANTS.
HANDLE AND DISPOSE OF ALL POLLUTANTS, INCLUDING WASTE MATERIALS AND DEMOLITION DEBRIS THAT OCCUR ON-SITE IN A MANNER THAT DOES NOT CAUSE CONTAMINATION OF STORMWATER.
PROVIDE COVER, CONTAINMENT, AND PROTECTION FROM VANDALISM FOR ALL CHEMICALS, LIQUID PRODUCTS, PETROLEUM PRODUCTS, AND OTHER MATERIALS THAT HAVE THE POTENTIAL TO POSE A THREAT TO HUMAN HEALTH OR THE ENVIRONMENT. ON-SITE FUELING TANKS MUST INCLUDE SECONDARY CONTAINMENT. SECONDARY CONTAINMENT MEANS PLACING TANKS OR CONTAINERS WITHIN AN IMPERVIOUS STRUCTURE CAPABLE OF CONTAINING 110% OF THE VOLUME CONTAINED IN THE LARGEST TAKE WITHIN THE CONTAINMENT STRUCTURE. DOUBLE-WALLED TANKS DO NOT REQUIRE ADDITIONAL SECONDARY CONTAINMENT.
CONDUCT MAINTENANCE, FUELING, AND REPAIR OF HEAVY EQUIPMENT AND VEHICLES USING SPILL PREVENTION AND CONTROL MEASURES. CLEAN CONTAMINATED SURFACES IMMEDIATELY FOLLOWING ANY SPILL INCIDENT.
DISCHARGE WHEEL WASH OR TIRE BATH WASTEWATER TO A SEPARATE ON-SITE TREATMENT SYSTEM THAT PREVENTS DISCHARGE TO SURFACE WATER, SUCH AS CLOSED-LOOP RECIRCULATION OR UPLAND APPLICATION, OR TO THE SANITARY SEWER, WITH LOCAL SEWER DISTRICT APPROVAL.
APPLY FERTILIZERS AND PESTICIDES IN A MANNER AND AT APPLICATION RATES THAT WILL NOT RESULT IN LOSS OF CHEMICAL TO STORMWATER RUNOFF. FOLLOW MANUFACTURERS' LABEL REQUIREMENTS FOR APPLICATION RATES AND PROCEDURES.
USE BMPS TO PREVENT CONTAMINATION OF STORMWATER RUNOFF BY PH MODIFYING SOURCES. THE SOURCES FOR THIS CONTAMINATION INCLUDE, BUT ARE NOT LIMITED TO: BULK CEMENT, CEMENT KILN DUST, FLY ASH, NEW CONCRETE WASHING AND CURING WATERS, WASTE STREAMS GENERATED FROM CONCRETE GRINDING AND SAWING, EXPOSED AGGREGATE PROCESSES, DEWATERING CONCRETE VAULTS, CONCRETE PUMPING AND MIXER WASHOUT WATERS.
ADJUST THE PH OF STORMWATER IF NECESSARY TO PREVENT VIOLATIONS OF WATER QUALITY STANDARDS.
ASSURE THAT WASHOUT OF CONCRETE TRUCKS IS PERFORMED OFF-SITE OR IN DESIGNATED CONCRETE WASHOUT AREAS ONLY. DO NOT WASH OUT CONCRETE TRUCKS ONTO THE GROUND, OR INTO STORM DRAINS, OPEN DITCHES, STREETS, OR STREAMS, DO NOT DUMP EXCESS CONCRETE ON-SITE, EXCEPT IN DESIGNATED CONCRETE WASHOUT AREAS. CONCRETE SPILLAGE OR CONCRETE DISCHARGE TO SURFACE WATERS OF THE STATE IS PROHIBITED.
OBTAIN WRITTEN APPROVAL FROM ECOLOGY BEFORE USING CHEMICAL TREATMENT OTHER THAN CO2 OR DRY ICE TO ADJUST PH.

ELEMENT 10: CONTROL DE-WATERING
DISCHARGE FOUNDATION, VAULT, AND TRENCH DE-WATERING WATER, WHICH HAS SIMILAR CHARACTERISTICS TO STORMWATER RUNOFF AT THE SITE, INTO A CONTROLLED CONVEYANCE SYSTEM BEFORE DISCHARGE TO A SEDIMENT TRAP OR SEDIMENT POND.
DISCHARGE CLEAN, NON-TURBID DE-WATERING WATER, SUCH AS WELL-POINT GROUND WATER, TO SYSTEMS TRIBUTARY TO, OR DIRECTLY INTO SURFACE WATERS OF THE STATE, AS SPECIFIED IN ELEMENT #8, PROVIDED THE DEWATERING FLOW DOES NOT CAUSE EROSION OR FLOODING OF RECEIVING WATERS. DO NOT ROUTE CLEAN DEWATERING WATER THROUGH STORMWATER SEDIMENT PONDS. NOTE THAT "SURFACE WATERS OF THE STATE" MAY EXIST ON A CONSTRUCTION SITE AS WELL AS OFF SITE; FOR EXAMPLE, A CREEK RUNNING THROUGH A SITE.
HANDLE HIGHLY TURBID OR OTHERWISE CONTAMINATED DEWATERING WATER SEPARATELY FROM STORMWATER.
OTHER TREATMENT OR DISPOSAL OPTIONS MAY INCLUDE: 1. INFILTRATION. 2. TRANSPORT OFF-SITE IN A VEHICLE, SUCH AS A VACUUM FLUSH TRUCK, FOR LEGAL DISPOSAL IN A MANNER THAT DOES NOT POLLUTE STATE WATERS. 3. ECOLOGY-APPROVED ON-SITE CHEMICAL TREATMENT OR OTHER SUITABLE TREATMENT TECHNOLOGIES. 4. SANITARY OR COMBINED SEWER DISCHARGE WITH LOCAL SEWER DISTRICT APPROVAL, IF THERE IS NO OTHER OPTION. 5. USE OF A SEDIMENTATION BAG WITH OUTFALL TO A DITCH OR SWALE FOR SMALL VOLUMES OF LOCALIZED DEWATERING.

ELEMENT 11: MAINTAIN BMPS
MAINTAIN AND REPAIR ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL BMPS AS NEEDED TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION IN ACCORDANCE WITH BMP SPECIFICATIONS.
REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL BMPS WITHIN 30 DAYS AFTER ACHIEVING FINAL SITE STABILIZATION OR AFTER THE TEMPORARY BMPS ARE NO LONGER NEEDED.

ELEMENT 12: MANAGE THE PROJECT
PHASE DEVELOPMENT PROJECTS TO THE MAXIMUM DEGREE PRACTICABLE AND TAKE INTO ACCOUNT SEASONAL WORK LIMITATIONS.
INSPECTION AND MONITORING - INSPECT, MAINTAIN AND REPAIR ALL BMPS AS NEEDED TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. PROJECTS REGULATED UNDER THE CONSTRUCTION STORMWATER GENERAL PERMIT MUST CONDUCT SITE INSPECTIONS AND MONITORING IN ACCORDANCE WITH SPECIAL CONDITION S4 OF THE CONSTRUCTION STORMWATER GENERAL PERMIT.
MAINTAINING AN UPDATED CONSTRUCTION SWPPP - MAINTAIN, UPDATE, AND IMPLEMENT THE SWPPP.
PROJECTS THAT DISTURB ONE OR MORE ACRES MUST HAVE SITE INSPECTIONS CONDUCTED BY A CERTIFIED EROSION AND SEDIMENT CONTROL LEAD (CESCL). PROJECT SITES DISTURBING LESS THAN ONE ACRE MAY HAVE A CESCL OR A PERSON WITHOUT CESCL CERTIFICATION CONDUCT INSPECTIONS. BY THE INITIATION OF CONSTRUCTION, THE SWPPP MUST IDENTIFY THE CESCL OR INSPECTOR, WHO MUST BE PRESENT ON-SITE OR ON-CALL AT ALL TIMES.
THE CESCL OR INSPECTOR (PROJECT SITES LESS THAN ONE ACRE) MUST HAVE THE SKILLS TO ASSESS THE:
SITE CONDITIONS AND CONSTRUCTION ACTIVITIES THAT COULD IMPACT THE QUALITY OF STORMWATER.
EFFECTIVENESS OF EROSION AND SEDIMENT CONTROL MEASURES USED TO CONTROL THE QUALITY OF STORMWATER DISCHARGES.
THE CESCL OR INSPECTOR MUST EXAMINE STORMWATER VISUALLY FOR THE PRESENCE OF SUSPENDED SEDIMENT, TURBIDITY, DISCOLORATION, AND OIL SHEEN. THEY MUST EVALUATE THE EFFECTIVENESS OF BMPS AND DETERMINE IF IT IS NECESSARY TO INSTALL, MAINTAIN, OR REPAIR BMPS TO IMPROVE THE QUALITY OF STORMWATER DISCHARGES. BASED ON THE RESULTS OF THE INSPECTION, CONSTRUCTION SITE OPERATORS MUST CORRECT THE PROBLEMS IDENTIFIED BY:
REVIEWING THE SWPPP FOR COMPLIANCE WITH THE 13 CONSTRUCTION SWPPP ELEMENTS AND MAKING APPROPRIATE REVISIONS WITHIN 7 DAYS OF THE INSPECTION.
IMMEDIATELY BEGINNING THE PROCESS OF FULLY IMPLEMENTING AND MAINTAINING APPROPRIATE SOURCE CONTROL AND/OR TREATMENT BMPS AS SOON AS POSSIBLE, ADDRESSING THE PROBLEMS NOT LATER THAN WITHIN 10 DAYS OF THE INSPECTION. IF INSTALLATION OF NECESSARY TREATMENT BMPS IS NOT FEASIBLE WITHIN 10 DAYS, THE CONSTRUCTION SITE OPERATOR MAY REQUEST AN EXTENSION WITHIN THE INITIAL 10-DAY RESPONSE PERIOD.
DOCUMENTING BMP IMPLEMENTATION AND MAINTENANCE IN THE SITE LOG BOOK (SITES LARGER THAN 1 ACRE).
THE CESCL OR INSPECTOR MUST INSPECT ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES, ALL BMPS, AND ALL STORMWATER DISCHARGE POINTS AT LEAST ONCE EVERY CALENDAR WEEK AND WITHIN 24 HOURS OF ANY DISCHARGE FROM THE SITE. (FOR PURPOSES OF THIS CONDITION, INDIVIDUAL DISCHARGE EVENTS THAT LAST MORE THAN ONE DAY DO NOT REQUIRE DAILY INSPECTIONS. FOR EXAMPLE, IF A STORMWATER POND DISCHARGES CONTINUOUSLY OVER THE COURSE OF A WEEK, ONLY ONE INSPECTION IS REQUIRED THAT WEEK.) THE CESCL OR INSPECTOR MAY REDUCE THE INSPECTION FREQUENCY FOR TEMPORARY STABILIZED, INACTIVE SITES TO ONCE EVERY CALENDAR MONTH.

ELEMENT 13: PROTECT LOW IMPACT DEVELOPMENT BMPS
PROTECT ALL BIORETENTION AND RAIN GARDEN BMPS FROM SEDIMENTATION THROUGH INSTALLATION AND MAINTENANCE OF EROSION AND SEDIMENT CONTROL BMPS ON PORTIONS OF THE SITE THAT DRAIN INTO THE BIORETENTION AND/OR RAIN GARDEN BMPS. RESTORE THE BMPS TO THEIR FULLY FUNCTIONING CONDITION IF THEY ACCUMULATE SEDIMENT DURING CONSTRUCTION. RESTORING THE BMP MUST INCLUDE REMOVAL OF SEDIMENT AND ANY SEDIMENT-LADEN BIORETENTION/RAIN GARDEN SOILS, AND REPLACING THE REMOVED SOILS WITH SOILS MEETING THE DESIGN SPECIFICATION.
PREVENT COMPACTING BIORETENTION AND RAIN GARDEN BMPS BY EXCLUDING CONSTRUCTION EQUIPMENT AND FOOT TRAFFIC. PROTECT COMPLETED LAWN AND LANDSCAPED AREAS FROM COMPACTION DUE TO CONSTRUCTION EQUIPMENT.
CONTROL EROSION AND AVOID INTRODUCING SEDIMENT FROM SURROUNDING LAND USES ONTO PERMEABLE PAVEMENTS. DO NOT ALLOW MUDDY CONSTRUCTION EQUIPMENT ON THE BASE MATERIAL OR PAVEMENT. DO NOT ALLOW SEDIMENT-LADEN RUNOFF ONTO PERMEABLE PAVEMENTS OR BASE MATERIALS.
PAVEMENT FOULED WITH SEDIMENTS OR NO LONGER PASSING AN INITIAL INFILTRATION TEST MUST BE CLEANED USING PROCEDURES IN ACCORDANCE WITH THIS MANUAL OR THE MANUFACTURER'S PROCEDURES.
KEEP ALL HEAVY EQUIPMENT OFF EXISTING SOILS UNDER LID FACILITIES THAT HAVE BEEN EXCAVATED TO FINAL GRADE TO RETAIN THE INFILTRATION RATE OF THE SOILS.



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